

COLOR **GLASS**

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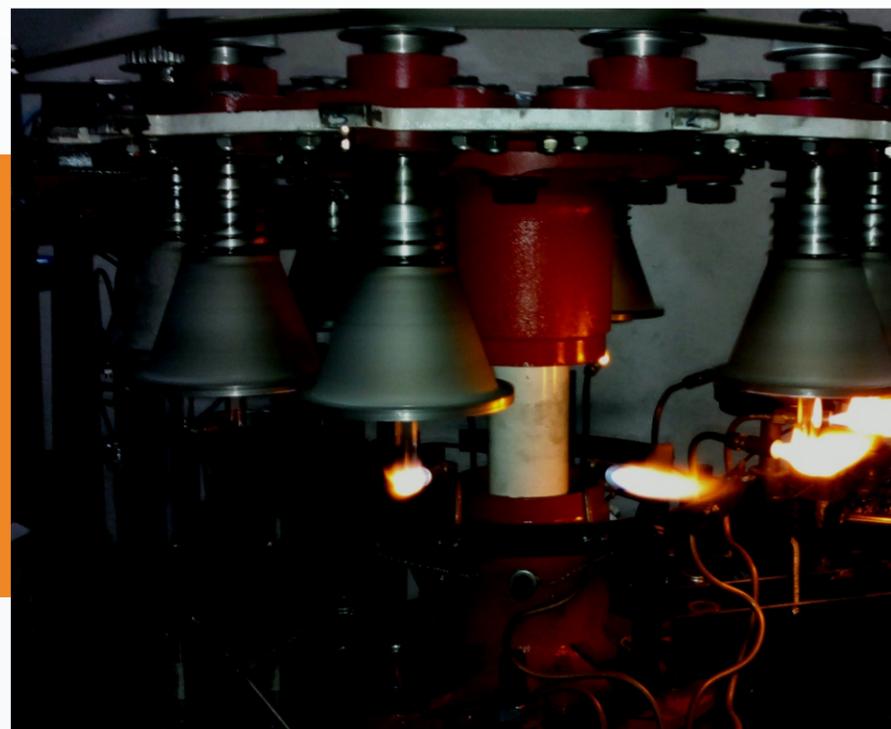
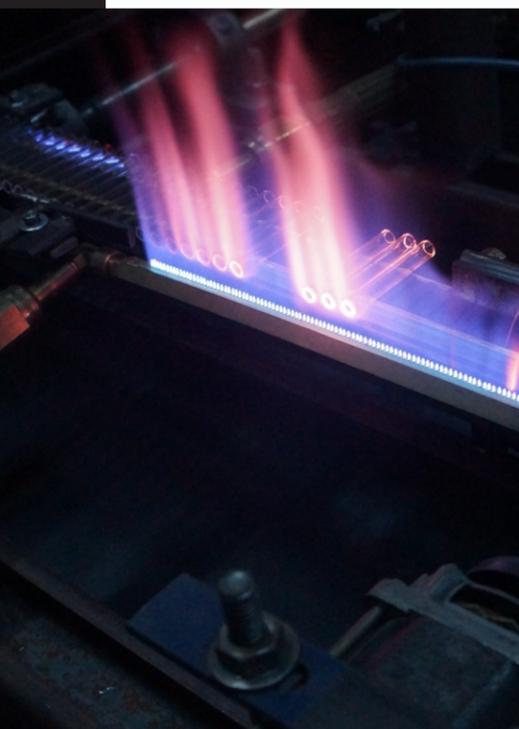
Qualidade e Tecnologia em Vidrarias LABORATORIAIS

A Color Glass é uma empresa de fabricação e comercialização de produtos laboratoriais, com a missão de oferecer equipamentos de excelente qualidade.

Todo o nosso trabalho é pautado no princípio da sustentabilidade, ou seja, fazemos o máximo para que nossas técnicas não agridam o meio ambiente e não comprometam os recursos das gerações futuras.



Iniciamos nossas atividades através das influências do tradicional vidreiro Adilson Silva, este que adquiriu seu conhecimento através do inglês Richard Neville Ward, que ministrava aulas na Universidade Federal de Minas Gerais. Atualmente, nossa empresa consegue valorizar as técnicas tradicionais de modelação do vidro, acrescentando á elas tecnologias modernas, o que torna o nosso produto com propriedades excepcionais e precisas.



Além dos produtos em linha,
a Color Glass desenvolve e fabrica
peças sob projeto.

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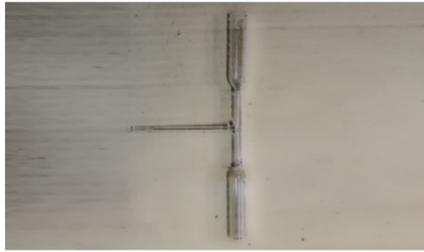
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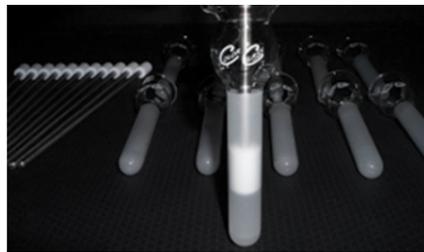


Celas de Quartzo - código V.E. 01



Celas de Quartzo

Homogeneizador de Vidro - código V.E. 02



Homogeneizador de Vidro



Separador Gás/Líquido - código V.E. 03



Separador Gás/Líquido

Cubetas de vidro com Tampa de Rosca - código V.E. 04



Cubetas de vidro com Tampa de Rosca

VIDRARIAS ESPECIAIS



Frasco de Vidro Filling Bell - código V.E. 05



Frasco de Vidro Filling Bell

Sistema aspiração/distribuição;vd resis autc;filling bell

Frasco Tripsnizador - código V.E. 06



Frasco Tripsnizador

Frasco Tripsnizador; Em Vidro Borossilicato; Termo Resistente

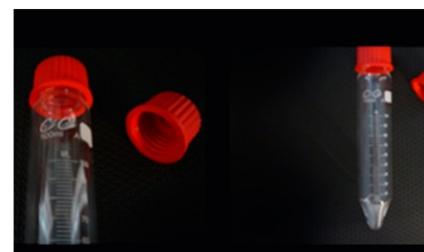
Sistema de Filtração em Vidro Borossilicato ou Inox - código V.E. 07



Sistema de Filtração em Vidro Borossilicato ou Inox

- Capacidade do Copo: 250ml - 300ml
- Suporte para filtro 25mm e 47mm
- Frasco receptor de 1.000ml com saída para vácuo
- Rolha de silicone e Garra

Tubo de Vidro para ASTM D7451 - código V.E. 08



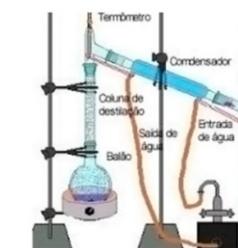
Tubo de Vidro para ASTM D7451

Frasco Spinner - código V.E. 09



Frasco Spinner

Aparelho Destilador de Asfalto Diluído, com ou sem termômetro (sob medida) - código V.E. 10.



Aparelho Destilador de Asfalto Diluído, com ou sem termômetro (sob medida).

Reatores de vidro - código V.E. 11



Reatores de vidro - código V.E. 10

Sedgewick Rafter - código C.C 01



Sedgewick Rafter

Câmara p/contagem Sedgewick Rafter com um retículo de 1mm que subdivide 1ml em 1000 μ l, para contagem de partículas e microorganismos em 1 ml de água e outros líquidos transparentes 50mm de comprimento, 20mm de largura e 1mm de altura, que fechado por uma lamínula, comporta um volume de amostra de exatamente 1mL.

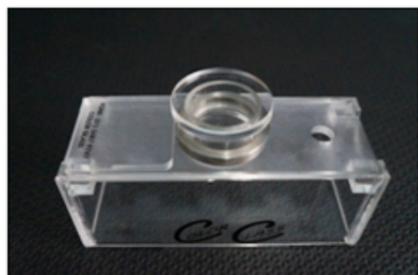
Zooplâncton - código C.C 02



Zooplâncton

Placa acrílica para contagem de zooplâncton. Dimensões 7 x 7 x 1.5 cm

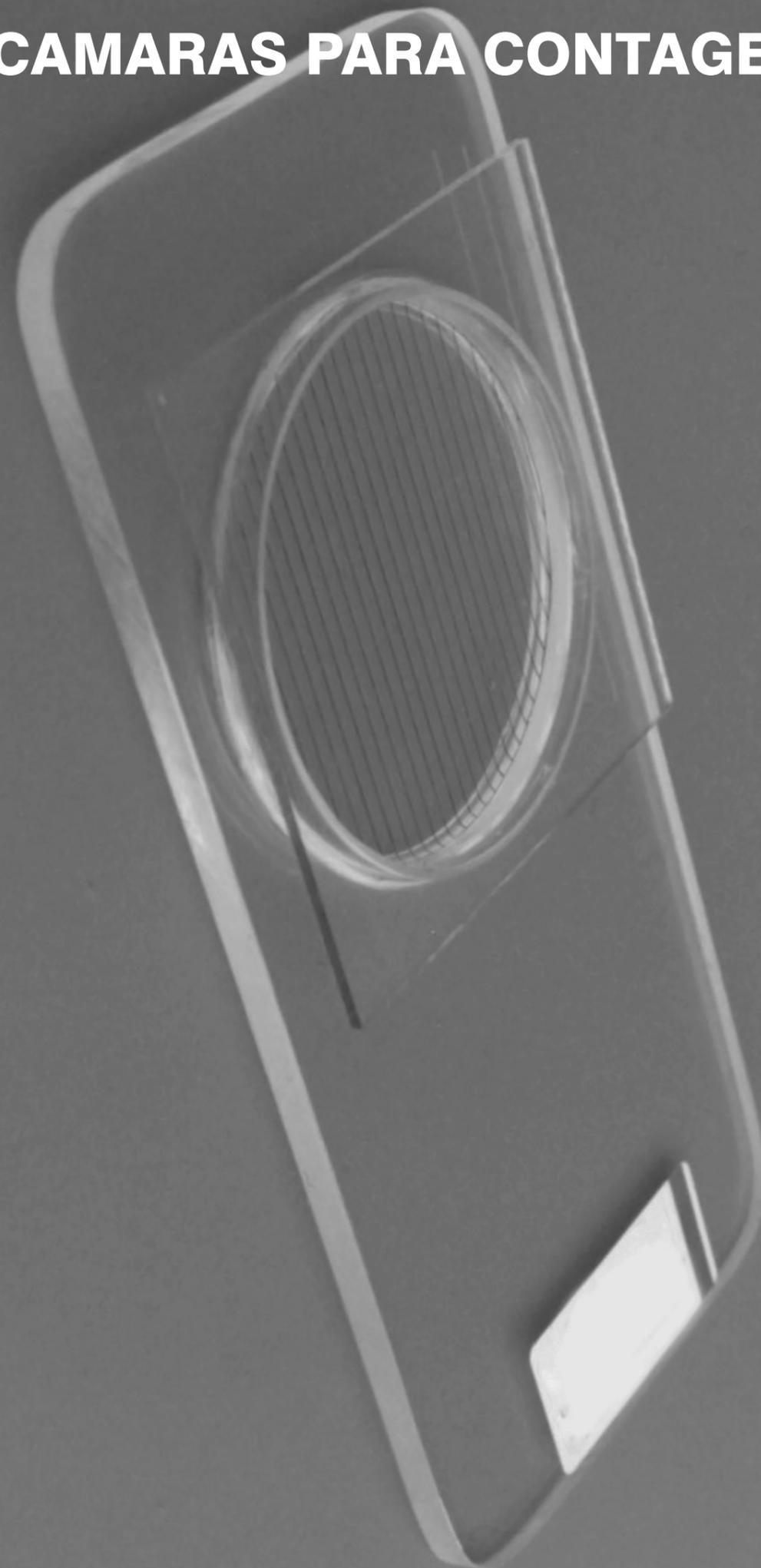
Uthermohl - código C.C 03



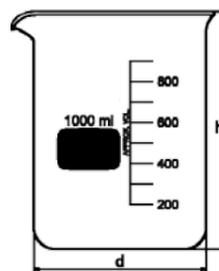
Uthermohl.

Capacidade 2 ml. Base em acrílico ou com anel em aço inóx. Dimensões: 45 x 100 mm. Lâmina redonda de acrílico com 30 mm. Capacidades: 2 - 5 - 10 - 25 - 50 - 100ml

CAMARAS PARA CONTAGEM



Becker Forma Baixa Graduado com Bico (Griffin)

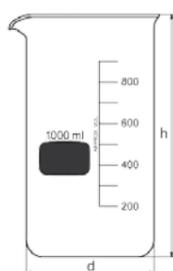


Beaker, low form with graduation and spout (Griffin)
DIN 12331, ISO 3819

Código Code	Capacidade Capacity (ml)	d (mm)	h (mm)
001-01 ⁽¹⁾	5	22	30
001-02 ⁽¹⁾	10	26	35
001-03 ⁽²⁾	20	32	43
001-04	25	34	50
001-05	50	42	60
001-06	100	50	70
001-07	150	60	80
001-08	250	70	95
001-09	400	80	110
001-10	600	90	125
001-11	800	100	135
001-12	1000	105	145
001-13	2000	132	185
001-14	3000	152	210
001-15 ⁽²⁾	4000	162	250
001-16	5000	170	271

(¹) Sem graduação (²) Não conforme norma DIN e ISO
(¹) Without graduation (²) Non-DIN, Non-ISO SIZE

Becker Forma Alta Graduado com Bico (Berzelius)

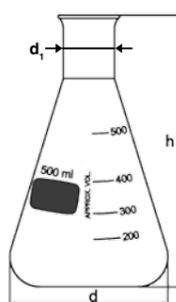


Beaker, tall form with graduation and spout (Berzelius)
DIN 12331, ISO 3819

Código Code	Capacidade Capacity (ml)	d (mm)	h (mm)
002-01	50	38	70
002-02	100	48	80
002-03	150	54	95
002-04	250	60	120
002-05	300	65	125
002-06	400	70	130
002-07 ⁽¹⁾	500	75	140
002-08	600	80	150
002-09	800	90	175
002-10	1000	95	180
002-11	2000	120	240

(¹) Não conforme com a norma DIN e ISO (¹) Non-DIN, Non-ISO SIZE

Frasco Erlenmeyer Boca Estreita Graduado



Erlenmeyer flasks, narrow neck with graduation
ISO 1773

Código Code	Capacidade Capacity (ml)	d (mm)	d ₁ (mm)	h (mm)
003-01	25	42	22	73
003-02 ⁽¹⁾	50	55	26	80
003-03 ⁽¹⁾	100	65	30	107
003-04 ⁽¹⁾	125	66	30	110
003-05 ⁽¹⁾	200	78	34	133
003-06	250	85	34	137
003-07 ⁽¹⁾	300	90	34	160
003-08 ⁽¹⁾	500	104	38	185
003-09	1000	131	45	215
003-10	2000	165	50	284
003-11 ⁽¹⁾	3000	189	56	310
003-12	5000	235	65	380
003-14 ⁽¹⁾	6000	240	50	405

(¹) Não conforme com a norma ISO (¹) Non-ISO SIZE

Frasco Erlenmeyer com Junta Esmirilhada

Código Code	Capacidade Capacity (ml)	d (mm)	h (mm)	Junta Joint (NS)
004-1 ⁽¹⁾	50	55	88	19/26
004-2	100	65	113	19/26
004-3	125	66	122	24/29
004-4	250	85	158	24/29
004-5 ⁽¹⁾	300	90	156	24/29
004-6	500	104	190	29/32
004-7	1000	131	222	29/32
004-8	2000	165	277	29/32

Outras medidas de junta sob consulta (¹) Não conforme com a no.
Another grounded joints on request (¹) Non-ISO SIZE

Frasco Erlenmeyer com Rolha de Polipropileno

Código Code	Capacidade Capacity (ml)	d (mm)	h (mm)	Junta Joint (NS)
005-1	50	55	95	19/26
005-2	100	65	119	19/26
005-3	125	66	130	24/29
005-4	250	85	161	24/29
005-5	300	90	160	24/29
005-6	500	104	198	29/32
005-7	1000	131	224	29/32
005-8	2000	165	280	29/32

Outras medidas de junta sob consulta Another grounded joints on r

Frasco Erlenmeyer com Rolha de Vidro

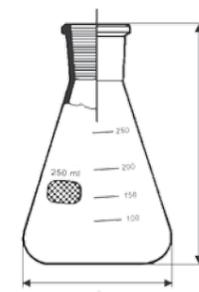
Código Code	Capacidade Capacity (ml)	d (mm)	h (mm)	Junta Joint (NS)
006-1	50	55	101	19/26
006-2	100	65	125	19/26
006-3	125	66	135	24/29
006-4	250	85	172	24/29
006-5	300	90	161	24/29
006-6	500	104	121	29/32
006-7	1000	131	226	29/32
006-8	2000	165	280	29/32

Outras medidas de junta sob consulta Another grounded joints on r

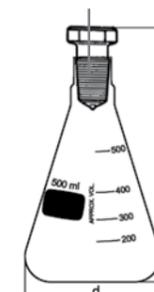
Frasco Erlenmeyer Graduado com Tampa de Rosca

Código Code	Capacidade Capacity (ml)	d (mm)	h (mm)	Rosca DIN thread (GL)
007-1	50	55	105	25
007-2	100	65	120	25
007-3	125	66	123	25
007-4	250	85	160	32
007-5	300	90	168	32
007-6	500	104	192	32
007-7	1000	131	233	32
007-8	2000	165	295	45

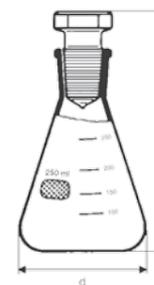
Com tampa de Polietileno With Polyethylene Screw-Cap



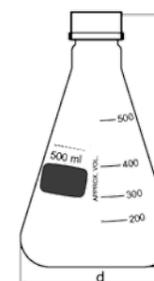
Erlenmeyer flasks, with standard ground joint
ISO 4797



Erlenmeyer flasks, with standard ground joint
and polypropylene stopper

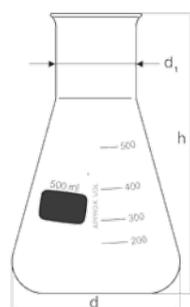


Erlenmeyer flasks, with standard ground joint
and glass stopper



Erlenmeyer flasks, with DIN thread

Frasco Erlenmeyer Boca Larga Graduado

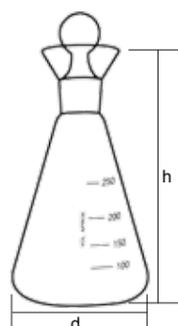


Erlenmeyer flasks, wide neck with graduation, DIN 12385

Código Code	Capacidade Capacity (ml)	d (mm)	d ₁ (mm)	h (mm)
008-1	50	51	33	88
008-2	100	66	33	105
008-3	125	66	33	107
008-4	200	79	50	130
008-5	250	85	50	137
008-6	300	87	50	156
008-7	500	105	50	176
008-8	1000	131	50	222

(¹) Não conforme com a norma DIN (¹) Non-DIN SIZE

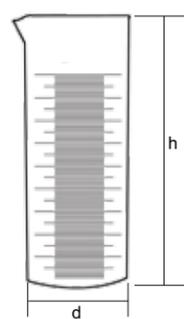
Frasco de Índice de Iodo com Rolha



Iodine determination with glass stopper

Código Code	Capacidade Capacity (ml)	d (mm)	Junta Joint (NS)	h (mm)
009-1	100	66	22/22	124
009-2	250	85	22/22	156
009-3	500	104	22/22	202

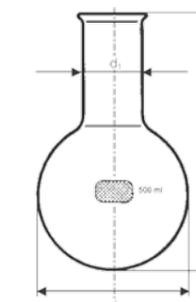
Copo de Shoprigher Graduado Escala Dupla



Beaker Shoprigher with double graduation and spout

Código Code	Capacidade Capacity (ml)	d (mm)	h (mm)
010-1	1000	90	230

Balão Fundo Redondo



Flasks round bottom narrow neck ISO 1773

Código Code	Capacidade Capacity (ml)	d (mm)	d ₁ (mm)	h (mm)
011-1 ⁽¹⁾	50	51	22	104
011-2 ⁽¹⁾	100	63	22	110
011-3 ⁽¹⁾	200	80	26	151
011-4	250	85	34	145
011-5 ⁽¹⁾	300	90	27	172
011-6	500	105	34	175
011-7	1000	131	42	213
011-8	2000	166	50	241
011-9 ⁽¹⁾	3000	195	50	268
011-10 ⁽¹⁾	5000	233	56	310
011-11	6000	239	65	335
011-12 ⁽¹⁾	12000	330	70	450
011-13	15000	310	78	475
011-14	20000	375	78	530

(¹) Não conforme com a norma ISO (¹) Non-DIN SIZE

Balão Fundo Redondo com Junta Esmerilhada

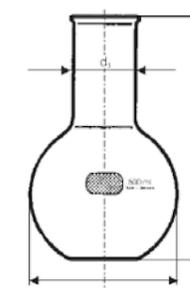


Flasks round bottom, with standard ground joint

Código Code	Capacidade Capacity (ml)	d (mm)	h (mm)	Junta Joint (NS)
012-1	50	51	85	14/20
012-2	100	63	95	14/20
012-3	200	80	140	24/40
012-4	250	85	140	24/40
012-5	300	90	145	24/40
012-6	500	105	155	24/40
012-7	1000	131	185	29/42
012-8	2000	166	220	45/50
012-9	3000	195	240	45/50
012-10	5000	233	290	45/50
012-11	6000	239	315	45/50
012-12	12000	330	410	45/50

Outras medidas de junta sob consulta
Another grounded joints on request

Balão Fundo Chato

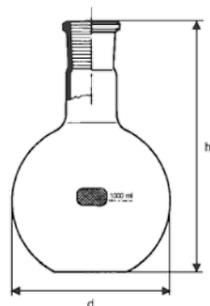


Flasks flat bottom narrow neck ISO 1773

Código Code	Capacidade Capacity (ml)	d (mm)	d ₁ (mm)	h (mm)
013-1 ⁽¹⁾	50	51	22	101
013-2	100	63	22	106
013-3 ⁽¹⁾	125	66	28	107
013-4	250	85	34	142
013-5	500	105	34	163
013-6	1000	131	42	200
013-7	2000	166	50	232
013-8 ⁽¹⁾	3000	195	50	258
013-9 ⁽¹⁾	5000	233	56	310
013-10	6000	239	65	335
013-11	10000	280	70	400
013-12 ⁽¹⁾	12000	330	70	450

(¹) Não conforme com a norma ISO (¹) Non-ISO SIZE

Balão Fundo Chato com Junta Esmerilhada



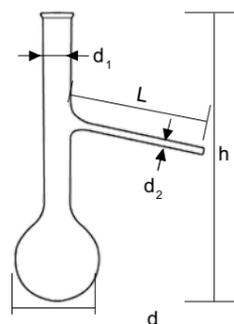
Flasks Flat Bottom, with standard ground joint

Código Code	Capacidade Capacity (ml)	d (mm)	h (mm)	Junta Joint (NS)
014-1	50	51	90	14/20
014-2	100	63	95	14/20
014-3	125	66	95	24/40
014-4	250	85	136	24/40
014-5	500	105	154	24/40
014-6	1000	131	173	29/42
014-7	2000	166	217	45/50
014-8	3000	195	240	45/50
014-9	5000	233	290	45/50
014-10	6000	239	315	45/50
014-11	10000	280	365	45/50
014-12	12000	330	410	45/50

Outras medidas de junta sob consulta
Another grounded joints on request

Fabricamos com até 5 juntas paralelas ou angulares sob consulta
With until 5 grounded joints parallel or angled on request

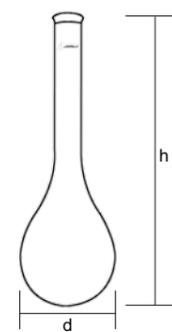
Balão Destilação com Saída Lateral



Flasks distilling, with side outlet

Código Code	Capacidade Capacity (ml)	d (mm)	d ₁ (mm)	d ₂ (mm)	h (mm)	L (mm)
015-1	125	67	22	7	215	100
015-2	250	85	34	8	203	200
015-3	500	106	34	8	256	200
015-4	1000	131	34	12	300	255
015-5	2000	166	34	12	394	255

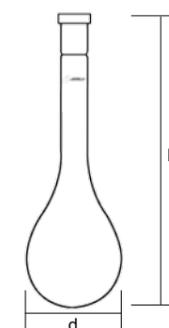
Frasco Kjeldhal Gargalo Longo



Kjeldahl flasks, long neck

Código Code	Capacidade Capacity (ml)	d (mm)	h (mm)
016-1	100	21	219
016-2	300	29	310
016-3	500	30	343
016-4	800	34	365
016-5	1000	39	414

Frasco Kjeldhal com Junta Esmerilhada

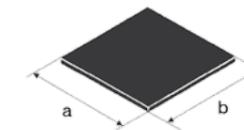


Kjeldahl flasks, with grounded joint

Código Code	Capacidade Capacity (ml)	d (mm) (NS)	h (mm)	Junta Joint
017-1	100	21	219	24/40
017-2	100	21	219	29/42
017-3	300	29	310	24/40
017-4	300	29	310	29/42
017-5	500	30	343	24/40
017-6	500	30	343	29/42
017-7	800	34	365	24/40
017-8	800	34	365	29/42
017-9	1000	39	414	24/40
017-10	1000	39	414	29/42

Placa de Vidro Cerâmico Robax®

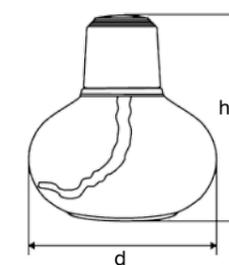
Código Code	a (mm)	b (mm)	Espessura Thickness (mm)
018-1	135	135	4
018-2	155	155	4
018-3	175	175	4



Glass ceramic laboratory protection plates Robax®

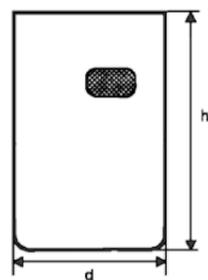
Lamparina de Vidro Completa com Tampa e Pavio

Código Code	Capacidade Capacity (ml)	d (mm)	h (mm)
019-1	60	60	70
019-2	100	76	79



Spirit lamps, with filler tubulature, with cap

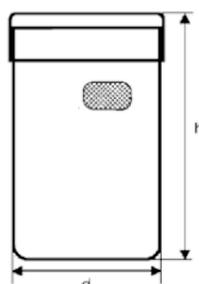
Cristalizador Redondo sem Bico sem Tampa



Crystallizing dishes

Código Code	d (mm)	h (mm)
020-1	100	100
020-2	100	150
020-3	100	200
020-4	100	250
020-5	150	100
020-6	150	150
020-7	150	200
020-8	150	250
020-9	150	300
020-10	200	100
020-11	200	150
020-12	200	200
020-13	200	250
020-14	200	300
020-15	250	100

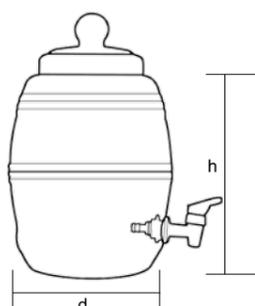
Cristalizador Redondo sem Bico com Tampa



Crystallizing dishes, with lid

Código Code	d (mm)	h (mm)
021-1	100	100
021-2	100	150
021-3	100	200
021-4	100	250
021-5	150	100
021-6	150	150
021-7	150	200
021-8	150	250
021-9	150	300
021-10	200	100
021-11	200	150
021-12	200	200
021-13	200	250
021-14	200	300
021-15	250	100

Barril de Vidro com Torneira Plástica

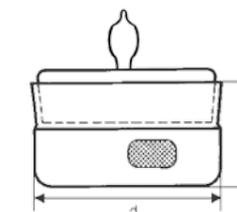


Glass barrel, with plastic stopcock

Código Code	Capacidade Capacity (ml)	d (mm)	h (mm)	Qt/Emb. Pack/Quantity
022-1	5000	120	315	1
022-2	10000	120	365	1

Pesa Filtro Forma Baixa com Tampa

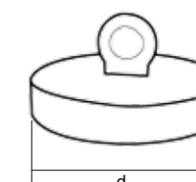
Código Code	Capacidade Capacity (ml)	d (mm)	h (mm)
023-1	30	40	30
023-2	45	40	40
023-3	50	50	30
023-4	70	50	40
023-5	100	60	40



Weighing bottles, with ground lid

Tampa para Pesa Filtro

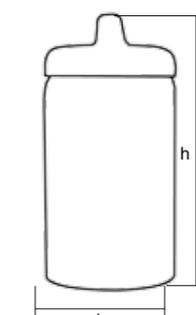
Código Code	d (mm)
024-1	24
024-2	29
024-3	34
024-4	40
024-5	45
024-6	50
024-7	55
024-8	60



Lid for weighing bottles

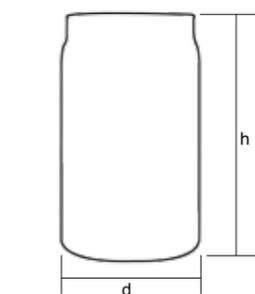
Porta Algodão de Vidro com Tampa

Código Code	d (mm)	h (mm)
025-1	100	204



Cotton holder with lid

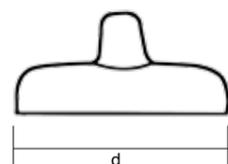
Porta Algodão de Vidro sem Tampa



Cotton holder without lid

Código Code	d (mm)	h (mm)
026-1	100	172

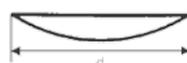
Tampa para Porta Algodão



Lid for cotton holder

Código Code	d (mm)
027-1	100

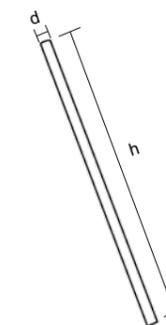
Vidro de Relógio Lapidado



Watch glass dishes, with fused edges,
DIN 12341

Código Code	d (mm)
028-1	40
028-2	50
028-3	60
028-4	70
028-5	80
028-6	90
028-7	100
028-8	110
028-9	120
028-10	130
028-11	140
028-12	150
028-13	160
028-14	170
028-15	180
028-16	190
028-17	200

Bastão de Vidro com Pontas Polidas (Queimada)



Glass rod with polished ends (Burned)

Código Code	d (mm)	h (mm)
029-1	5	300
029-2	6	300
029-3	8	300
029-4	10	300

Fabricamos outro diâmetros e outros comprimentos sob encomenda
Another diameter and length on request

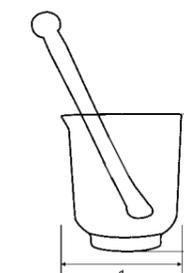
Pérola de Vidro



Glass bead solid

Código Code	d (mm)
030-1	2
030-2	3
030-3	4
030-4	5

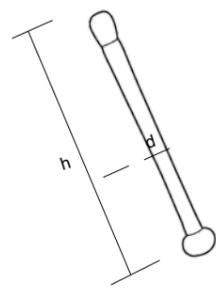
Gral de Vidro com Pestilo



Mortar with pestle

Código Code	Capacidade Capacity (ml)	d (mm)	h (mm)
031-1	100	67	77
031-2	250	86	85

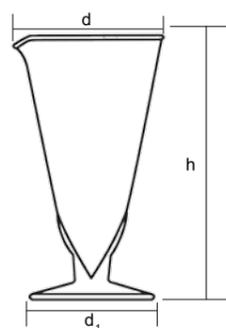
Pestilo de Vidro



Glass pestle

Código Code	d (mm)	h (mm)
032-1	18	147

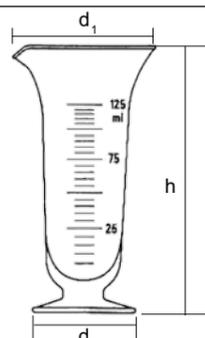
Copo de Precipitação ou Sedimentação sem Graduação



Measures conical, with glass base without graduation

Código Code	Capacidade Capacity (ml)	d (mm)	d ₁ (mm)	h (mm)
033-1	30	56	54	100
033-2	60	67	63	122
033-3	125	71	67	150
033-4	250	84	74	178

Cálice de Vidro Graduado

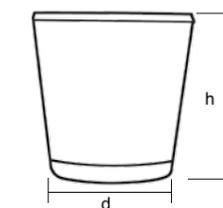


Measures bell shape, with glass base with graduation

Código Code	Capacidade Capacity (ml)	Subdivisão Subdivision (ml)	d (mm)	d ₁ (mm)	h (mm)
034-1	10	1	64	34	42
034-2	15	1	82	44	44
034-3	30	2	97	48	52
034-4	60	5	116	62	54
034-5	125	5	140	80	70
034-6	150	5	146	75	73
034-7	250	10	160	93	85
034-8	500	20	216	108	87
034-9	1000	20	245	128	107
034-10	2000	50	294	169	130

Copo de Medicamento

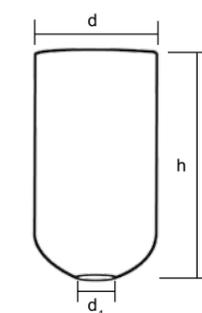
Código Code	Capacidade Capacity (ml)	d (mm)	h (mm)
93 480 15	30	50	50



Medicine vessel

Copo Salut com Furo Central

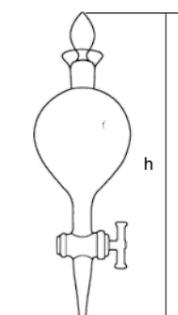
Código Code	d (mm)	h (mm)	d ₁ (mm)
035- 1	38	70	10



Salut beaker with hole

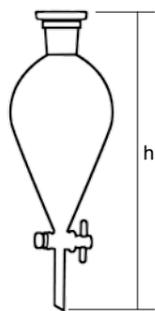
Dosador Automático Tipo Bola com Torneira Dosadora

Código Code	Capacidade Capacity (ml)	h (mm)	Junta Joint (NS)
036-1	1	355	29/32
036-2	10	355	29/32



Automatic dosing, ball shape with stopcock

Dosador Automático Tipo Pêra com Torneira Dosadora



Automatic dosing, pear shape with stopcock

Código Code	Capacidade Capacity (ml)	h (mm)	Junta Joint (NS)
037-1	1	415	29/32
037-2	10	415	29/32

Cone de Sedimentação Imhoff Graduado



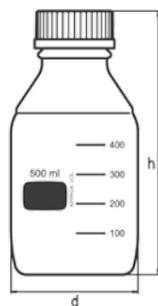
Sedimentation cone, Imhoff type graduated
DIN 12672

Código Code	Capacidade Capacity (ml)	d (mm)	h (mm)
038-1	1000	120	480

Volume (ml)	Subdivisão Subdivision
0 - 2	1/10
2 - 10	1/2
10 - 40	1/1
40 - 100	2/1
100 - 1000	50/1



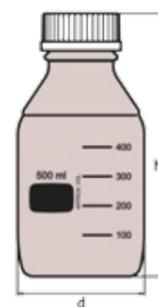
Frasco Reagente com Rosca com Tampa de Rosca e Anel Antigota



Laboratory bottles with DIN thread, ISO 4796, graduated, with PP screw-cap and PP pour ring blue

Código Code	Capacidade Capacity (ml)	d (mm) (GL)	h (mm)	Rosca Thread
039-1	100	56	105	45
039-2	250	70	143	45
039-3	500	86	181	45
039-4	1000	101	230	45
039-5	2000	136	265	45
039-6	5000	182	335	45
039-7	10000	227	415	45
039-8	20000	288	510	45

Frasco Reag. com Rosca Âmbar com Tampa de Rosca e Anel



Laboratory bottles Amber with DIN thread, ISO 4796, graduated, with PP screw-cap and PP pour ring blue

Código Code	Capacidade Capacity (ml)	d (mm) (GL)	h (mm)	Rosca Thread
040-1	100	56	105	45
040-2	250	70	143	45
040-3	500	86	181	45
040-4	1000	101	230	45
040-5	2000	136	265	45
040-6	5000	182	335	45
040-7	10000	227	415	45
040-8	20000	288	510	45

Tampa de Rosca em Polipropileno

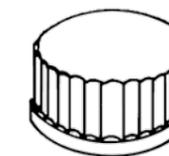


PP screw-cap with lip seal

Código Code	Rosca Thread (GL)	d (mm)	h (mm)	Cor Color
041-1	25	33	22	Azul/Blue
041-2	32	41	25	Azul/Blue
041-3	32	41	25	Vermelho/Red
041-4	45	54	26	Azul/Blue
041-5	45	54	26	Cinza/Gray
041-6	45	54	26	Amarela/Yellow
041-7	45	54	26	Verde/Green
041-8	45	54	26	Laranja/Orange
041-9	45	54	26	Branca/White
041-10	45	54	26	Vermelha/Red
041-11	45	54	26	Lilás/Purple

Tampa de Rosca em Polipropileno com Septo de Silicone

Código Code	Rosca Thread (GL)	d (mm)	h (mm)	Cor Color
042-1	14	20	14	Vermelho/Red
042-2	18	25	19	Vermelho/Red
042-3	25	33	22	Vermelho/Red
042-4	32	41	25	Vermelho/Red
042-5	45	54	26	Vermelho/Red
042-6	45	54	26	Cinza/Gray
042-7	45	54	26	Amarelo/Yellow
042-8	45	54	26	Verde/Green
042-9	45	54	26	Laranja/Orange
042-10	45	54	26	Branca/White
042-11	45	54	26	Azul/Blue
042-12	45	54	26	Lilás/Purple



PP screw-cap with silicone seal

Septo de Silicone para Tampa com Rosca GL

Código Code	Para GL For GL	d (mm)
043-1	14	12
043-2	18	16
043-3	25	22
043-4	32	29
043-5	45	42



Silicone rubber seals for GL

Septo de Silicone Revestido PTFE para Tampa com Rosca GL

Código Code	Para GL For GL	d (mm)
044-1	14	12
044-2	18	16
044-3	25	22
044-4	32	29
044-5	45	42



Silicone rubber with PTFE seals for GL

Tampa de Rosca em Polipropileno com Furo

Código Code	Rosca Thread (GL)	d (mm)	h (mm)	Cor Color
045-1	14	20	14	Vermelho/Red
045-2	18	25	19	Vermelho/Red
045-3	25	33	22	Vermelho/Red
045-4	32	41	25	Vermelho/Red
045-5	45	54	26	Vermelho/Red



PP screw-cap with aperture

Anel em Polipropileno



PP pouring rings

Código Code	Rosca Thread (GL)	d (mm)	h (mm)	Cor Color
046-1	28	32	4	Azul/Blue
046-2	40	45	4	Azul/Blue
046-3	40	45	4	Cinza/Gray
046-4	40	45	4	Amarela/Yellow
046-5	40	45	4	Verde/Green
046-6	40	45	4	Laranja/Orange
046-7	40	45	4	Branca/White
046-8	40	45	4	Vermelho/Red
046-9	40	45	4	Lilás/Purple

Frasco Para Soro em Vidro Borossilicato



Reagent bottles borosilicate glass

Código Code	Capacidade Capacity (ml)	d (mm)	h (mm)	Junta Joint (NS)
047-1	250	69	135	24/29
047-2	500	87	165	24/32
047-3	1000	109	196	24/40
047-4	2000	145	231	45/45
047-5	5000	180	330	55/50
047-6	10000	224	425	60/60
047-7	20000	270	520	65/65

Rolha de Polipropileno



Plastic stoppers in polypropylene
DIN 12254

Código Code	Junta Joint (NS)
048-1	10/19
048-2	12/21
048-3	14/23
048-4	19/26
048-5	24/29
048-6	29/32
048-7	34/35
048-8	40/50

Rolha de Polipropileno

Código Code	Número Number	Junta Joint (NS)
049-1	09	9/15
049-2	13	13/16
049-3	16	16/16
049-4	19	19/19
049-5	22	22/22
049-6	27	27/22
049-7	34,5	34,5/32

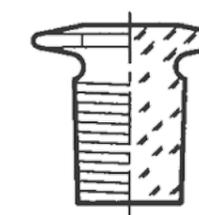


Plastic stoppers in polypropylene

Rolha de Vidro Octagonal

Código Code	Junta Joint (NS)
050-1	10/19
050-2	12/21
050-3	14/15
050-4	19/26
050-5	24/29
050-6	29/32

As rolhas acima não são esmerilhadas The stoppers above are not grounded



Glass flat-head stoppers octagonal
DIN 12252

Rolha de Vidro Tipo Moeda

Código Code	Junta Joint (NS)
051-1	9/15
051-2	13/16
051-3	16/16
051-4	19/19
051-5	22/22
051-6	27/22
051-7	32/32

As rolhas acima não são esmerilhadas The stoppers above are not grounded



Glass coin-head stoppers

Rolha de Vidro Tipo Moeda para Frasco Bod

Código Code	Junta Joint (NS)
052-1	19/26

As rolhas acima não são esmerilhadas The stoppers above are not grounded



Glass coin-head stoppers for BOD flasks

Rolha de Vidro Tipo Moeda para Frasco Índice de Iodo

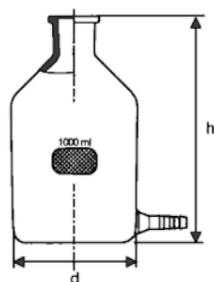


Glass coin-head stoppers for Iodine flasks

Código Code	Junta Joint (NS)
053-1	22/22

As rolhas acima não são esmerilhadas The stoppers above are not grounded

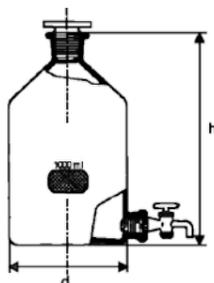
Frasco Mariotte com Oliva de Vidro



Aspirator bottle with water connector

Código Code	Capacidade Capacity (ml)	d (mm) (NS)	h (mm)	Junta Sup. Top joint
054-1	500	87	165	24/32
054-2	1000	109	196	24/40
054-3	2000	145	231	45/45
054-4	5000	180	330	55/50
054-5	10000	224	425	60/60
054-6	20000	270	520	65/65

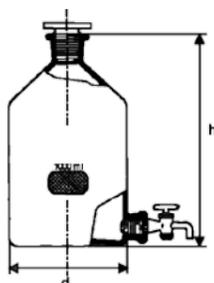
Frasco Mariotte com Torneira de Vidro



Aspirator bottle with glass stopcock

Código Code	Capacidade Capacity (ml)	d (mm)	h (mm)	Junta Sup. Top joint (NS)	Junta Inf. Lower joint (NS)
055-1	500	87	165	24/32	19/26
055-2	1000	109	196	24/40	19/26
055-3	2000	145	231	45/45	19/26
055-4	5000	180	330	55/50	29/32
055-5	10000	224	425	60/60	29/32
055-6	20000	270	520	65/65	29/32

Frasco Mariotte com Torneira de PTFE

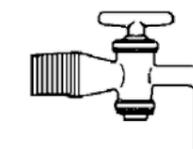


Aspirator bottle with PTFE stopcock

Código Code	Capacidade Capacity (ml)	d (mm)	h (mm)	Junta Sup. Top joint (NS)	Junta Inf. Lower joint (NS)
056-1	500	87	165	24/32	19/26
056-2	1000	109	196	24/40	19/26
056-3	2000	145	231	45/45	19/26
056-4	5000	180	330	55/50	29/32
056-5	10000	224	425	60/60	29/32
056-6	20000	270	520	65/65	29/32

Torneira Curva de Vidro para Frasco Mariotte

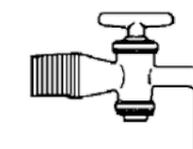
Código Code	Capacidade Capacity (ml)	Junta Joint (NS)
057-1	500-2000	19/26
057-2	2000-20000	29/32



Glass stopcock for aspirator bottle

Torneira Curva de PTFE para Frasco Mariotte

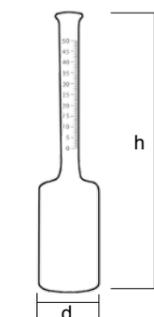
Código Code	Capacidade Capacity (ml)	Junta Joint (NS)
058-1	500-2000	19/26
058-2	2000-20000	29/32



PTFE stopcock for aspirator bottle

Frasco Babickock sem Rolha

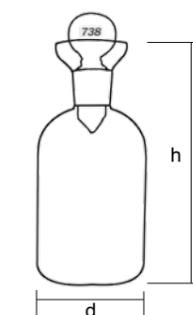
Código Code	Capacidade Capacity (ml)	Subdivisão Subdivision (ml)	h (mm)	d (mm)
059-1	20	0,02	150	36
059-2	40	0,1	150	36
059-3	50	0,05	168	36



Babcock flask without stopper

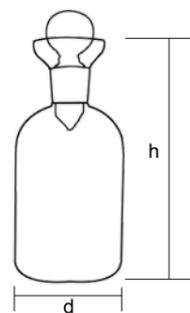
Frasco B.O.D com Aferição

Código Code	Capacidade Capacity (ml)	Junta Joint (NS)	h (mm)	d (mm)
060-1	300	19/29	150	70



DQO flasks with measurement

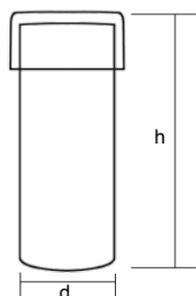
Frasco B.O.D sem Aferição



DQO flasks without measurement

Código Code	Capacidade Capacity (ml)	Junta Joint (NS)	h (mm)	d (mm)
061-1	300	19/29	150	70

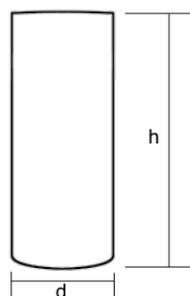
Frasco Borel com Tampa



Borel flask with lid

Código Code	d (mm)	h (mm)
062-1	40	105

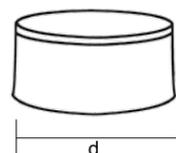
Frasco Borel sem Tampa



Borel flask without lid

Código Code	d (mm)	h (mm)
063-1	40	100

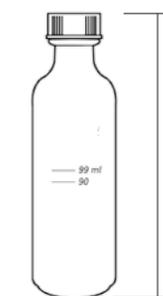
Tampa para Frasco Borel



Lid for borel flask

Código Code	d (mm)
064-1	110

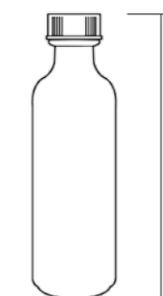
Frasco para Diluição de Leite Graduado



Milk dilution flask with graduation

Código Code	Capacidade Capacity (ml)	h (mm)	Larg. x Profund. Width x depth (mm)
065-1	160	150	46X46

Frasco para Diluição de Leite sem Graduação



Milk dilution flask without graduation

Código Code	Capacidade Capacity (ml)	h (mm)	Larg. x Profund. Width x depth (mm)
066-1	160	150	46X46

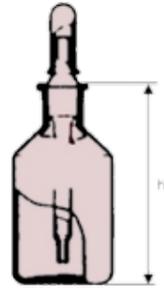
Frasco Conta-Gotas Alcalino



Dropping bottle soda-lime glass

Código Code	Capacidade Capacity (ml)	d (mm) (NS)	h (mm)	Junta Joint
067-1	60	45	80	19/20
067-2	125	55	100	21/20

FRASCO CONTA-GOTAS ALCALINO ÂMBAR



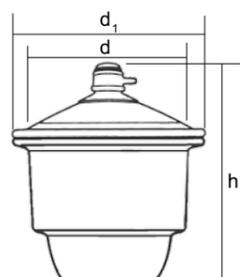
Código Code	Capacidade Capacity (ml)	d (mm) (NS)	h (mm)	Junta Joint
068-1	60	45	80	19/20
068-2	125	55	100	21/20

Dropping bottle Amber soda-lime glass

DESSECADORES DESICCATORS



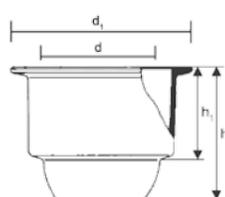
Dessecador de Vidro com Tampa e Luva



Desiccators complete with rot. sleeve valve

Código Code	DN (DN)	d (mm)	d ₁ (mm)	h (mm)	Junta Joint
069-1	150	153	210	240	45/35
069-2	200	210	267	390	55/38
069-3	250	243	305	345	55/38
069-4	300	300	365	385	55/38

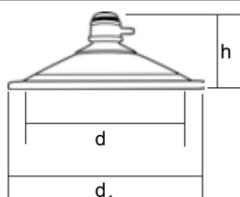
Fundo para Dessecador



Desiccators bases

Código Code	Capacidade Capacity (ml)	d (mm)	d ₁ (mm)	h (mm)	h ₁ (mm)
070-1	150	153	210	135	75
070-2	200	210	267	180	105
070-3	250	243	305	210	125
070-4	300	300	365	235	135

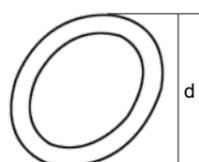
Tampa com Luva para Dessecador



Lead desiccators with rot. sleeve valve

Código Code	DN (DN)	d (mm)	d ₁ (mm)	h (mm)	Junta Joint (NS)
071-1	150	153	210	105	45/35
071-2	200	210	267	110	55/38
071-3	250	243	305	135	55/38
071-4	300	300	365	150	55/38

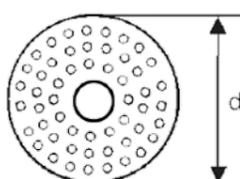
Oring para Luva de Dessecador



O-Rings for desiccator sleeve valve

Código Code	DN (DN)	d (mm)	Espessura Thickness (mm)
072-1	150	47	5
072-2	200	52	5
072-3	250	52	5
072-4	300	52	5

Placa de Porcelana para Dessecador

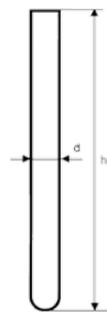


Porcelaine desiccator plates

Código Code	DN (DN)	d (mm)
073-1	150	138
073-2	200	187
073-3	250	215
073-4	300	273



Tubo de Ensaio Vidro Neutro



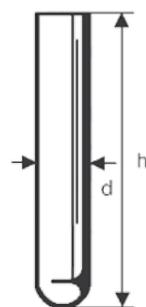
Test tubes neutral glass

Código Code	*d x h (mm)	Capac. volume Volume capacity (ml)	Esp. Parede Wall thickness (mm)
074-1	10 x 75	4	0,8 - 1,0
074-2	10 x 90	5	0,8 - 1,0
074-3	10 x 100	5,5	0,8 - 1,0
074-4	12 x 75	6	0,8 - 1,0
074-5	12 x 90	7	0,8 - 1,0
074-6	12 x 100	7,5	0,8 - 1,0
074-7	12 x 120	9,5	0,8 - 1,0
074-8	13 x 100	9,5	0,8 - 1,0
074-9	13 x 150	13,5	0,8 - 1,0
074-10	14 x 100	11	0,8 - 1,0
074-11	14 x 140	16	0,8 - 1,0
074-11	15 x 100	13	0,8 - 1,0
074-12	15 x 125	16,5	0,8 - 1,0
074-13	15 x 150	20	0,8 - 1,0
074-14	15 x 160	24,5	0,8 - 1,0
074-15	15 x 180	24	0,8 - 1,0
074-16	16 x 100	13	0,8 - 1,0
074-17	16 x 150	23	0,8 - 1,0
074-18	16 x 160	25	0,8 - 1,0
074-19	16 x 180	28	0,8 - 1,0
074-20	18 x 100	19	1,0 - 1,2
074-21	18 x 150	29	1,0 - 1,2
074-22	18 x 180	35	1,0 - 1,2
074-23	20 x 150	35,5	1,0 - 1,2
074-24	20 x 200	49	1,0 - 1,2
074-25	20 x 250	63	1,0 - 1,2
074-26	22 x 100	28	1,0 - 1,2
074-27	22 x 150	43	1,0 - 1,2
074-28	22 x 180	50	1,0 - 1,2
074-29	22 x 200	57	1,0 - 1,2
074-30	25 x 150	50	1,0 - 1,2
074-31	25 x 200	70	1,0 - 1,2
074-32	25 x 250	87	1,0 - 1,2

Fabricamos outros diâmetros e outros comprimentos sob encomenda
Another diameter and length on request

*Diâmetro externo com tolerância de + ou - 0,5mm

Tubo de Crioscopia Eletrônico



Freezing electronic tube

Código Code	d x h (mm)	Capac. volume Volume capacity (ml)	Esp. Parede (mm) Wall thickness (mm)
076-1	15 x 50	6	0,8 - 1,0

Tubo de Ensaio Vidro Neutro com Orla



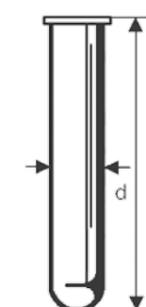
Test tubes with beaded rim neutral glass

Código Code	*d x h (mm)	Capac. volume Volume capacity (ml)	Esp. Parede Wall thickness (mm)
075-1	10 x 75	4	0,8 - 1,0
075-2	10 x 90	5	0,8 - 1,0
075-3	10 x 100	5,5	0,8 - 1,0
075-4	12 x 75	6	0,8 - 1,0
075-5	12 x 90	7	0,8 - 1,0
075-6	12 x 100	7,5	0,8 - 1,0
075-7	12 x 120	9,5	0,8 - 1,0
075-8	13 x 100	9,5	0,8 - 1,0
075-9	13 x 150	13,5	0,8 - 1,0
075-10	14 x 100	11	0,8 - 1,0
075-11	14 x 140	16	0,8 - 1,0
075-12	15 x 100	13	0,8 - 1,0
075-13	15 x 125	16,5	0,8 - 1,0
075-14	15 x 150	20	0,8 - 1,0
075-15	15 x 160	20	0,8 - 1,0
075-16	15 x 180	24	0,8 - 1,0
075-17	16 x 100	13	0,8 - 1,0
075-18	16 x 150	23	0,8 - 1,0
075-19	16 x 160	25	0,8 - 1,0
075-20	16 x 180	28	0,8 - 1,0
075-21	18 x 100	19	1,0 - 1,2
075-22	18 x 150	29	1,0 - 1,2
075-23	18 x 180	35	1,0 - 1,2
075-24	20 x 150	35,5	1,0 - 1,2
075-25	20 x 200	49	1,0 - 1,2
075-26	20 x 250	63	1,0 - 1,2
075-27	22 x 100	28	1,0 - 1,2
075-28	22 x 150	43	1,0 - 1,2
075-29	22 x 200	57	1,0 - 1,2
075-30	25 x 150	50	1,0 - 1,2
075-31	25 x 200	70	1,0 - 1,2
075-32	25 x 250	87	1,0 - 1,2

Fabricamos outros diâmetros e outros comprimentos sob encomenda
Another diameter and length on request

*Diâmetro externo com tolerância de + ou - 0,5mm

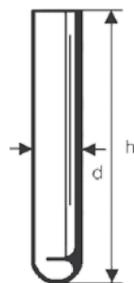
Tubo de Crioscopia com Orla Manual



Freezing tube manual with beaded rim

Código Code	d x h (mm)	Capac. volume Volume capacity (ml)	Esp. Parede Wall thickness (mm)
077-1	38 x 180	154	1,0 - 1,2
077-2	38 x 200	156	1,0 - 1,2

Tubo de Ensaio Vidro Neutro Reforçado



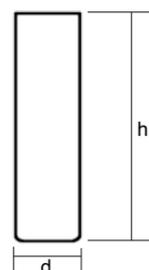
Test tubes with heavy wall thickness neutral glass

Código Code	*d x h (mm)	Capac. volume Volume capacity (ml)	Esp. Parede Wall thickness (mm)
078-1	10 x 75	3,5	1,0 - 1,2
078-2	10 x 90	5	1,0 - 1,2
078-3	10 x 100	5	1,0 - 1,2
078-4	12 x 75	4,5	1,0 - 1,2
078-5	12 x 90	6,5	1,0 - 1,2
078-6	12 x 100	7	1,0 - 1,2
078-7	12 x 120	7,5	1,0 - 1,2
078-8	13 x 100	9	1,0 - 1,2
078-9	13 x 150	13	1,0 - 1,2
078-10	14 x 100	9	1,0 - 1,2
078-11	14 x 140	15	1,0 - 1,2
078-12	15 x 100	10	1,0 - 1,2
078-13	15 x 125	14,5	1,0 - 1,2
078-14	15 x 150	16	1,0 - 1,2
078-15	15 x 160	19	1,0 - 1,2
078-16	15 x 180	21,5	1,0 - 1,2
078-17	16 x 100	12,5	1,0 - 1,2
078-18	16 x 150	19	1,0 - 1,2
078-19	16 x 160	23	1,0 - 1,2
078-20	16 x 180	26	1,0 - 1,2
078-21	18 x 100	15,5	1,2 - 1,4
078-22	18 x 150	24	1,2 - 1,4
078-23	18 x 180	30	1,2 - 1,4
078-24	20 x 150	32	1,2 - 1,4
078-25	20 x 200	45	1,2 - 1,4
078-26	20 x 250	61	1,2 - 1,4
078-27	22 x 100	25	1,2 - 1,4
078-28	22 x 150	40	1,2 - 1,4
078-29	22 x 200	72	1,2 - 1,4
078-30	25 x 150	44,5	1,2 - 1,4
078-31	25 x 200	64,5	1,2 - 1,4
078-32	25 x 250	83	1,2 - 1,4

Fabricamos outros diâmetros e outros comprimentos sob encomenda
Another diameter and length on request

*Diâmetro externo com tolerância de + ou - 0,5mm

Tubo Fundo Chato Sem Orla para Usina de Açúcar



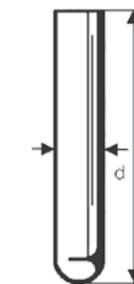
Test tube flat bottom without beaded rim for sugar plant

Código Code	d x h (mm)	Capac. volume Volume capacity (ml)	Esp. Parede Wall thickness (mm)
079-1	25 x 85	27	0,8 - 1,0

Tubo de Duran

Código Code	d x h (mm)	Capac. volume Volume capacity (ml)	Esp. Parede Wall thickness (mm)
080-1	7 x 45	0,8	1

Fabricamos outros diâmetros e outros comprimentos sob encomenda
Another diameter and length on request



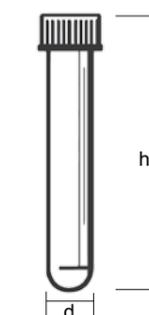
Duran test tube

Tubo de Ensaio com Tampa de Rosca

Código Code	*d x h (mm)	Cap. volume Volume capacity (ml)	Esp. Parede Wall thickness (mm)
081-1	13 x 100	9,5	0,8 - 1,0
081-2	16 x 100	13,5	0,8 - 1,0
081-3	16 x 150	21,5	0,8 - 1,0
081-4	18 x 150	25	1,0 - 1,2
081-5	18 x 180	30,5	1,0 - 1,2
081-6	20 x 150	35	1,0 - 1,2
081-7	20 x 200	43	1,0 - 1,2
081-8	20 x 250	62	1,0 - 1,2
081-9	25 x 150	48	1,0 - 1,2
081-10	25 x 200	68	1,0 - 1,2
081-11	25 x 250	89	1,0 - 1,2

Fabricamos outros diâmetros e outros comprimentos sob encomenda
Another diameter and length on request

*Diâmetro externo com tolerância de + ou - 0,5mm



Culture tubes with thread, with screwcap

Tubo de Centrifuga Cônico sem Graduação

Código Code	Capacidade Capacity (ml)	d (mm)	h (mm)
082-1	10	15	98
082-2	12	15	110
082-3	15	17	115



Centrifuge tubes conical bottom, without graduation



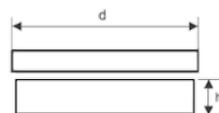
Centrifuge tubes conical bottom, with Amber graduation

Código Code	Capacidade Capacity (ml)	d (mm)	h (mm)
083-1	10	15	98
083-2	12	15	110
083-3	15	17	115

**VIDRO PARA MICROBIOLOGIA
GLASSWARE FOR MICROBIOLOGY**



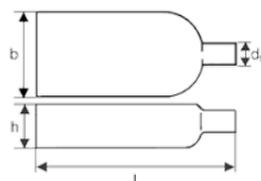
Placa de Petri



Petri dishes

Código Code	d (mm)	h (mm)
084-41	80	15
084-2	100	15
084-3	100	20

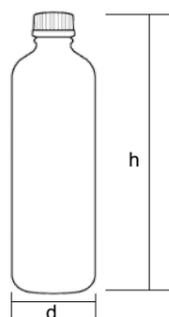
Frasco Roux para Cultura



Culture flasks, roux

Código Code	Capacidade Capacity (ml)	l (mm)	b (mm)	h (mm)	d ₁ (mm)
085-1	1000	72	122	56	36

Frasco Roller Para Cultura de Células

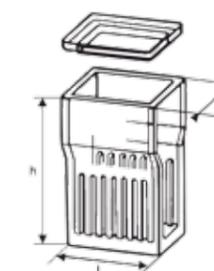


Roller bottles for cell cultures

Código Code	Rosca Thread Thread (GL)	d (mm)	h (mm)
91 762 64	45	105	265
91 762 79	45	105	345
91 772 68	45	110	285
91 772 86	45	110	450

Cuba de Vidro Forma Alta com Tampa Vertical, para 8 Lâminas 76 X 26 mm

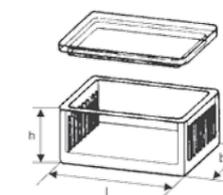
Código Code	l (mm)	b (mm)	h (mm)
086-1	60	60	100



Staining dish, hellendahl type, for 8 microscope slides 76 X 26 mm

Cuba de Vidro Forma Baixa com Tampa Horizontal, para 8 Lâminas 76 X 26 mm

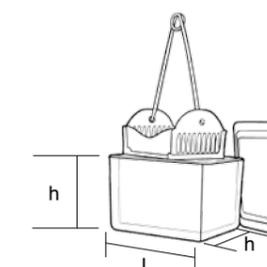
Código Code	l (mm)	b (mm)	h (mm)
087-1	90	70	40



Staining dish, schiefferdecker type, for 8 microscope slides 76 X 26 mm

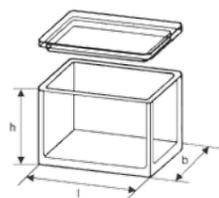
Cuba de Vidro Completa com Tampa, Berço e Alça, para 8 Lâminas 76 X 26 mm

Código Code	l (mm)	b (mm)	h (mm)
088-1	108	90	70



Glass box, with cover with staining tray for 8 microscope slides 76 X 26 mm with stainless steel handle

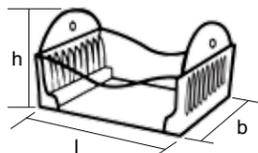
Cuba de Vidro com Tampa Sem Berço



Código Code	l (mm)	b (mm)	h (mm)
089-1	108	90	70

Glass box, with cover without staining tray

Berço de Vidro sem Alça Inox, para 8 Lâminas 76 X 26 mm



Código Code	l (mm)	b (mm)	h (mm)
090-1	88	40	70

Staining tray without stainless steel handle, for 8 microscope slides 76 X 26 mm

Alça de Inox para Berço de Vidro

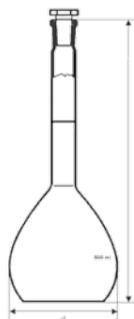


Código Code
091-1

Stainless steel handle for staining tray



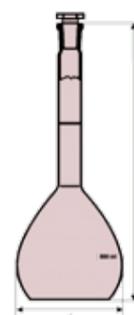
Balão Volumétrico Classe A Rolha de Polipropileno



Volumetric flasks class A polypropylene stopper ISO 1042

Código Code	Capacidade Capacity (ml)	d (mm)	h (mm)	Limite de Erro Accuracy limits (± ml)	Junta Joint (NS)
092-1	5	24	70	0,025	10/19
092-2	10	29	90	0,025	10/19
092-3	20	36	110	0,04	10/19
092-4	25	40	110	0,04	10/19
092-5	50	49	140	0,06	12/21
092-6	100	61	170	0,1	14/23
092-7	200	76	210	0,15	14/23
092-8	250	81	210	0,15	14/23
092-9	500	101	260	0,25	19/26
092-10	1000	127	300	0,4	24/29
092-11	2000	161	370	0,6	29/32
092-12	5000	217	470	1,2	34/35

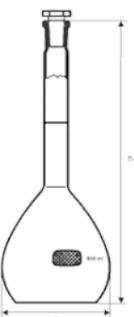
Balão Volumétrico Âmbar Classe A Rolha de Polipropileno



Volumetric flasks Amber class A with glass stopper, ISO 1042

Código Code	Capacidade Capacity (ml)	d (mm)	h (mm)	Limite de Erro Accuracy limits (± ml)	Junta Joint (NS)
093-1	5	24	70	0,025	10/19
093-2	10	29	90	0,025	10/19
093-3	20	36	110	0,04	10/19
093-4	25	40	110	0,04	10/19
093-5	50	49	140	0,06	12/21
093-6	100	61	170	0,1	14/23
093-7	200	76	210	0,15	14/23
093-8	250	81	210	0,15	14/23
093-9	500	101	260	0,25	19/26
093-10	1000	127	300	0,4	24/29
093-11	2000	161	370	0,6	29/32
093-12	5000	217	470	1,2	34/35

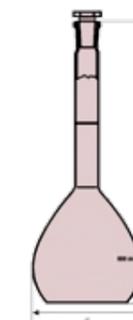
Balão Volumétrico Classe A Rolha de Vidro



Volumetric flasks class A with glass stopper ISO 1042

Código Code	Capacidade Capacity (ml)	d (mm)	h (mm)	Limite de Erro Accuracy limits (± ml)	Junta Joint (NS)
094-1	5	24	70	0,025	10/19
094-2	10	29	90	0,025	10/19
094-3	20	36	110	0,04	10/19
094-4	25	40	110	0,04	10/19
094-5	50	49	140	0,06	12/21
094-6	100	61	170	0,1	14/23
094-7	200	76	210	0,15	14/23
094-8	250	81	210	0,15	14/23
094-9	500	101	260	0,25	19/26
094-10	1000	127	300	0,4	24/29
094-11	2000	161	370	0,6	29/32
094-12	5000	217	470	1,2	34/35

Balão Volumétrico Âmbar Classe A Rolha de Vidro



Volumetric flasks Amber class A with polyethylene stopper, ISO 1042

Código Code	Capacidade Capacity (ml)	d (mm)	h (mm)	Limite de Erro Accuracy limits (± ml)	Junta Joint (NS)
095-1	5	24	70	0,025	10/19
095-2	10	29	90	0,025	10/19
095-3	20	36	110	0,04	10/19
095-4	25	40	110	0,04	10/19
095-5	50	49	140	0,06	12/21
095-6	100	61	170	0,1	14/23
095-7	200	76	210	0,15	14/23
095-8	250	81	210	0,15	14/23
095-9	500	101	260	0,25	19/26
095-10	1000	127	300	0,4	24/29
095-11	2000	161	370	0,6	29/32
095-12	5000	217	470	1,2	34/35

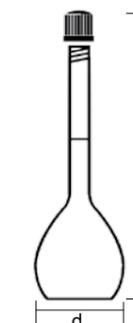
Balão Volumétrico Classe A sem Junta



Volumetric flasks class A without ground joint

Código Code	Capacidade Capacity (ml)	d (mm)	h (mm)	Limite de Erro Accuracy limits (± ml)
096-1	50	49	124	0,06
096-2	100	61	173	0,1
096-3	250	91	193	0,15
096-4	500	101	235	0,25
096-5	1000	117	273	0,4

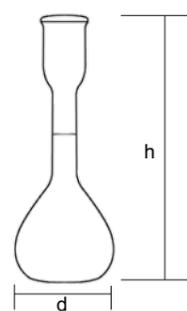
Balão Volumétrico Classe A com Tampa de Rosca



Volumetric flasks class A with screw-cap

Código Code	Capacidade Capacity (ml)	d (mm)	h (mm)	Limite de Erro Accuracy limits (± ml)
097-1	5	24	72	0,025
097-2	10	29	92	0,025
097-3	20	36	112	0,04
097-4	25	40	112	0,04
097-5	50	49	142	0,06
097-6	100	61	172	0,1
097-7	200	76	212	0,15
097-8	250	81	212	0,15
097-9	500	101	262	0,25
097-10	1000	127	302	0,4
097-11	2000	161	372	0,6

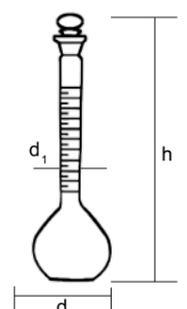
Balão Volumétrico de Kohrausch



Kohrausch volumetric flasks

Código Code	Capacidade Capacity (ml)	d (mm)	h (mm)
095-1	100	61	181
095-2	200	76	202

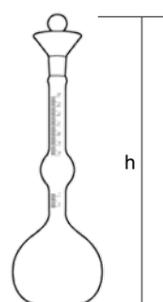
Balão de Cassia Graduado com Rolha de Vidro



Cassia flasks, with graduation, with glass stopper

Código Code	Capacidade Capacity (ml)	d (mm)	d ₁ (mm)	Subdivisão Subdivision (ml)	h (mm)	Junta Joint (NS)
096-1	100	61	18	0,1	170	14/23
096-2	200	76	19	0,1	210	14/23

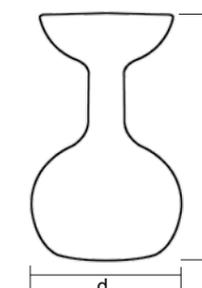
Frasco Le Chatelier em Vidro Borossilicato



Le chatelier flasks borosilicate glass

Código Code	Capacidade Capacity (ml)	h (mm)	Junta Joint (NS)
097-1	250	260	14/16

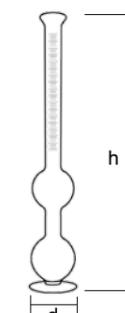
Frasco de Viscosímetro de Saybolt



Saybolt viscometer flask

Código Code	Capacidade Capacity (ml)	d (mm)	h (mm)
098-1	60	55	88

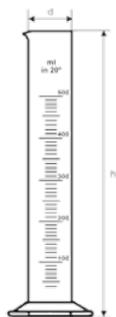
Frasco de Chapman em Vidro Borossilicato



Chapman flasks borosilicate glass

Código Code	Capacidade Capacity (ml)	d (mm)	h (mm)	Qt/Emb. Pack/Qty
099-1	450	70	455	1

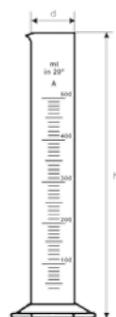
Proveta Graduada Base Hexagonal de Vidro



Mesuring cylinders with hexagonal base with graduation
DIN 12680, ISO 4788

Código Code	Capacidade Capacity (ml)	d (mm)	h (mm)	Subdivisão Subdivision (ml)	Limite de Erro Accuracy limits (± ml)
100-1	5	13	115	0,1	0,1
100-2	10	14	135	0,2	0,2
100-3	25	20	167	0,5	0,5
100-4	50	26	198	1	1
100-5	100	32	240	1	1
100-6	250	42	316	2	2
100-7	500	54	377	5	5
100-8	1000	70	420	10	10
100-9	2000	85	520	20	20

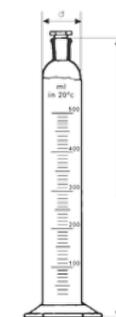
Proveta Graduada Classe A Base Hexagonal de Vidro



Mesuring cylinders class A with hexagonal base with graduation
DIN 12680, ISO 4788

Código Code	Capacidade Capacity (ml)	d (mm)	h (mm)	Subdivisão Subdivision (ml)	Limite de Erro Accuracy limits (± ml)
101-1	5	13	115	0,1	0,05
101-2	10	14	135	0,2	0,1
101-3	25	20	167	0,5	0,25
101-4	50	26	198	1	0,5
101-5	100	32	240	1	0,5
101-6	250	42	316	2	1
101-7	500	54	377	5	2,5
101-8	1000	70	420	10	5
101-9	2000	85	520	20	10

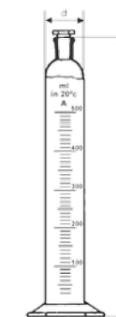
Proveta Graduada Base Hexagonal de Vidro com Rolha Polipropileno



Mesuring cylinders with hexagonal base with graduation with polypropylene stopper
DIN 12680, ISO 4788

Código Code	Capacidade Capacity (ml)	d (mm)	h (mm)	Subdivisão Subdivision (ml)	Limite de Erro Accuracy limits (± ml)	Junta Joint (NS)
102-1	10	14	135	0,2	0,2	10/19
102-2	25	20	167	0,5	0,5	14/23
102-3	50	26	198	1	1	19/26
102-4	100	32	240	1	1	24/29
102-5	250	42	316	2	2	29/32
102-6	500	54	377	5	5	34/35
102-7	1000	70	420	10	10	45/40
102-8	2000	85	520	20	20	45/40

Proveta Graduada Classe A Base Hexagonal de Vidro com Rolha de Polipropileno



Mesuring cylinders class A with hexagonal base with graduation with polypropylene stopper
DIN 12680, ISO 4788

Código Code	Capacidade Capacity (ml)	d (mm)	h (mm)	Subdivisão Subdivision (ml)	Limite de Erro Accuracy limits (± ml)	Junta Joint (NS)
103-1	10	14	135	0,2	0,1	10/19
103-2	25	20	167	0,5	0,25	14/23
103-3	50	26	198	1	0,5	19/26
103-4	100	32	240	1	0,5	24/29
103-5	250	42	316	2	1	29/32
103-6	500	54	377	5	2,5	34/35
103-7	1000	70	420	10	5	45/40
103-8	2000	85	520	20	10	45/40

Proveta Graduada Base Hexagonal de Vidro com Rolha de Vidro



Mesuring cylinders with hexagonal base with graduation with glass stopper
DIN 12680, ISO 4788

Código Code	Capacidade Capacity (ml)	d (mm)	h (mm)	Subdivisão Subdivision (ml)	Limite de Erro Accuracy limits (± ml)	Junta Joint (NS)
104-1	10	14	135	0,2	0,2	10/19
104-2	25	20	167	0,5	0,5	14/23
104-3	50	26	198	1	1	19/26
104-4	100	32	240	1	1	24/29
104-5	250	42	316	2	2	29/32
104-6	500	54	377	5	5	34/35
104-7	1000	70	420	10	10	45/40
104-8	2000	85	520	20	20	45/40

Proveta Graduada Classe A Base Hexagonal de Vidro com Rolha de Vidro



Mesuring cylinders class A with hexagonal base with graduation with glass stopper
DIN 12680, ISO 4788

Código Code	Capacidade Capacity (ml)	d (mm)	h (mm)	Subdivisão Subdivision (ml)	Limite de Erro Accuracy limits (± ml)	Junta Joint (NS)
105-1	10	14	135	0,2	0,1	10/19
105-2	25	20	167	0,5	0,25	14/23
105-3	50	26	198	1	0,5	19/26
105-4	100	32	240	1	0,5	24/29
105-5	250	42	316	2	1	29/32
105-6	500	54	377	5	2,5	34/35
105-7	1000	70	420	10	5	45/40
105-8	2000	85	520	20	10	45/40

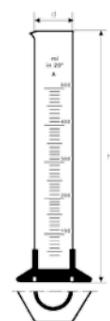
Proveta Graduada de Vidro e Base Hexagonal de Polipropileno



Measuring cylinders with polypropylene hexagonal base with graduation
DIN 12680, ISO 4788

Código Code	Capacidade Capacity (ml)	d (mm)	h (mm)	Subdivisão Subdivision (ml)	Limite de erro Accuracy limits (± ml)
106-1	10	14	137	0,2	0,2
106-2	25	19	165	0,5	0,5
106-3	30	19	165	0,2	1
106-4	50	24	198	1	1
106-5	100	29	240	1	1
106-6	150	36	218	1	2
106-7	250	36	338	2	2
106-8	500	50	379	5	5
106-9	1000	65	437	10	10
106-10	2000	85	520	20	20

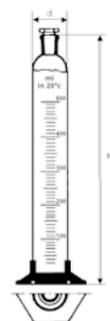
Proveta Graduada de Vidro Classe A e Base Hexagonal de Polipropileno



Measuring cylinders class A with polypropylene hexagonal base with graduation
DIN 12680, ISO 4788

Código Code	Capacidade Capacity (ml)	d (mm)	h (mm)	Subdivisão Subdivision (ml)	Limite de erro Accuracy limits (± ml)
107-1	10	14	137	0,2	0,1
107-2	25	19	165	0,5	0,25
107-3	30	19	165	0,2	0,5
107-4	50	24	198	1	0,5
107-5	100	29	240	1	0,5
107-6	150	36	218	1	1
107-7	250	36	338	2	1
107-8	500	50	379	5	2,5
107-9	1000	65	437	10	5
107-10	2000	85	520	20	10

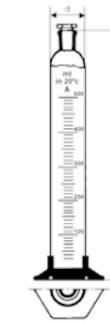
Proveta Grad. de Vidro Base Hexagonal de Polipropileno com Rolha de vidro



Measuring cylinders with polypropylene hexagonal base with graduation with polypropylene stopper
DIN 12680, ISO 4788

Código Code	Capacidade Capacity (ml)	d (mm)	h (mm)	Subdivisão Subdivision (ml)	Limite de Erro Accuracy limits (± ml)	Junta Joint (NS)
108-1	10	14	151	0,2	0,2	10/19
108-2	25	19	188	0,5	0,5	14/23
108-3	30	19	180	0,2	1	14/23
108-4	50	24	219	1	1	19/26
108-5	100	29	268	1	1	19/26
108-6	150	36	240	1	2	24/29
108-7	250	36	357	2	2	24/29
108-8	500	50	415	5	5	29/32
108-9	1000	65	458	10	10	29/32
108-10	2000	85	540	20	20	45/50

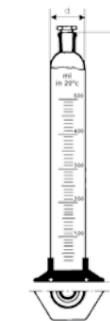
Proveta Grad. de Vidro Classe A Base Hexag. de Polipropileno com Rolha de Polipropileno



Measuring cylinders class A with polypropylene hexagonal base with graduation with polypropylene stopper
DIN 12680, ISO 4788

Código Code	Capacidade Capacity (ml)	d (mm)	h (mm)	Subdivisão Subdivision (ml)	Limite de Erro Accuracy limits (± ml)	Junta Joint (NS)
109-1	10	14	151	0,2	0,1	10/19
109-2	25	19	188	0,5	0,25	14/23
109-3	30	19	180	0,2	0,5	14/23
109-4	50	24	219	1	0,5	19/26
109-5	100	29	268	1	0,5	19/26
109-6	150	36	240	1	1	24/29
109-7	250	36	357	2	1	24/29
109-8	500	50	415	5	2,5	29/32
109-9	1000	65	458	10	5	29/32
109-10	2000	85	540	20	10	45/50

Proveta Grad. de Vidro Base Hexagonal de polipropileno com Rolha de Vidro



Measuring cylinders with polypropylene hexagonal base with graduation with glass stopper
DIN 12680, ISO 4788

Código Code	Capacidade Capacity (ml)	d (mm)	h (mm)	Subdivisão Subdivision (ml)	Limite de Erro Accuracy limits (± ml)	Junta Joint (NS)
110-1	10	14	151	0,2	0,2	10/19
110-2	25	19	188	0,5	0,5	14/23
110-3	30	19	180	0,2	1	14/23
110-4	50	24	219	1	1	19/26
110-5	100	29	268	1	1	19/26
110-6	150	36	240	1	2	24/29
110-7	250	36	357	2	2	24/29
110-8	500	50	415	5	5	29/32
110-9	1000	65	458	10	10	29/32
110-10	2000	85	540	20	20	45/50

Proveta Grad. de Vidro Classe A Base Hexagonal de polipropileno

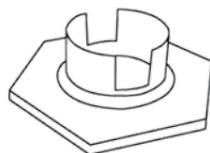
com Rolha de Vidro



Measuring cylinders class A with polypropylene hexagonal base with graduation with glass stopper
DIN 12680, ISO 4788

Código Code	Capacidade Capacity (ml)	d (mm)	h (mm)	Subdivisão Subdivision (ml)	Limite de Erro Accuracy limits (± ml)	Junta Joint (NS)
111-1	10	14	151	0,2	0,1	10/19
111-2	25	19	188	0,5	0,25	14/23
111-3	30	19	180	0,2	0,5	14/23
111-4	50	24	219	1	0,5	19/26
111-5	100	29	268	1	0,5	19/26
111-6	150	36	240	1	1	24/29
111-7	250	36	357	2	1	24/29
111-8	500	50	415	5	2,5	29/32
111-9	1000	65	458	10	5	29/32
111-10	2000	85	540	20	10	45/50

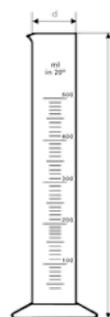
Base de Polipropileno para Proveta



Polypropylene hexagonal base

Código Code	Capacidade Capacity (ml)
112-1	10
112-2	25
112-3	50
112-4	100
112-5	250
112-6	500
112-7	1000
112-8	2000

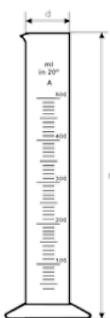
Proveta Graduada Base Redonda de Vidro



Measuring cylinders with round base with graduation

Código Code	Capacidade Capacity (ml)	d (mm)	h (mm)	Subdivisão Subdivision (ml)	Limite de Erro Accuracy limits (± ml)
113-1	5	12	106	0,1	0,1
113-2	10	14	138	0,2	0,2
113-3	25	19	162	0,5	0,5
113-4	30	19	182	0,2	0,1
113-5	50	24	190	1	1
113-6	100	30	256	1	1

Proveta Graduada Classe A Base Redonda de Vidro



Measuring cylinders class A with round base with graduation

Código Code	Capacidade Capacity (ml)	d (mm)	h (mm)	Subdivisão Subdivision (ml)	Limite de Erro Accuracy limits (± ml)
114-1	5	12	106	0,1	0,05
114-2	10	14	138	0,2	0,1
114-3	25	19	162	0,5	0,25
114-4	30	19	182	0,2	0,05
114-5	50	24	190	1	0,5
114-6	100	30	256	1	0,5

Proveta Graduada Base Redonda de Vidro e Rolha de Polipropileno

Código Code	Capacidade Capacity (ml)	d (mm)	h (mm)	Subdivisão Subdivision (ml)	Limite de Erro Accuracy limits (± ml)	Junta Joint (NS)
115-1	5	12	106	0,1	0,1	10/19
115-2	10	14	138	0,2	0,2	10/19
115-3	25	19	162	0,5	0,5	14/23
115-4	30	19	182	1	0,1	14/23
115-5	50	24	190	1	1	19/26
115-6	100	30	256	1	1	24/29



Measuring cylinders with round base with graduation with polypropylene stopper

Proveta Graduada Classe A Base Redonda de Vidro e Rolha de Polipropileno

Código Code	Capacidade Capacity (ml)	d (mm)	h (mm)	Subdivisão Subdivision (ml)	Limite de Erro Accuracy limits (± ml)	Junta Joint (NS)
116-1	5	12	106	0,1	0,05	10/19
116-2	10	14	138	0,2	0,1	10/19
116-3	25	19	162	0,5	0,25	14/23
116-4	30	19	182	0,2	0,5	14/23
116-5	50	24	190	1	0,5	19/26
116-6	100	30	256	1	0,5	24/29



Measuring cylinders glass A with round base with graduation with polypropylene stopper

Proveta Graduada Base Redonda de Vidro com Rolha de Vidro

Código Code	Capacidade Capacity (ml)	d (mm)	h (mm)	Subdivisão Subdivision (ml)	Limite de Erro Accuracy limits (± ml)	Junta Joint (NS)
117-1	5	12	106	0,1	0,1	10/19
117-2	10	14	138	0,2	0,2	10/19
117-3	25	19	162	0,5	0,5	14/23
117-4	30	19	182	0,2	1	14/23
117-5	50	24	190	1	1	19/26
117-6	100	30	256	1	1	24/29



Measuring cylinders with round base with graduation with glass stopper

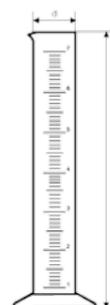
Proveta Graduada Classe A Base Redonda de Vidro com Rolha de Vidro



Measuring cylinders class A with round base with graduation with glass stopper

Código Code	Capacidade Capacity (ml)	d (mm)	h (mm)	Subdivisão Subdivision (ml)	Limite de Erro Accuracy limits (± ml)	Junta Joint (NS)
108-1	5	12	106	0,1	0,05	10/19
108-2	10	14	138	0,2	0,1	10/19
108-3	25	19	162	0,5	0,25	14/23
108-4	30	19	182	0,2	0,5	14/23
108-5	50	24	190	1	0,5	19/26
108-6	100	30	256	1	0,5	24/29

Proveta Pulvométrica Graduada



Measuring cylinders rain gauge with graduation

Código Code	Capacidade Capacity (ml)	Número Number	d (mm)	h (mm)
109-1	280	7	40	307
109-2	300	30	65	176
109-3	1000	25	70	383

Bureta com Torneira de PTFE



Burettes with PTFE stopcock ISO 385, DIN 12700

Código Code	Capacidade Capacity (ml)	d (mm)	h (mm)	Subdivisão Subdivision (ml)	Limite de Erro Accuracy limits (± ml)
110-1	5	8	508	0,05	0,02
110-2	10	9	530	0,05	0,02
110-3	25	12	600	0,1	0,05
110-4	50	13	758	0,1	0,1
110-5	100	17	827	0,2	0,2

Bureta com Torneira de PTFE com Faixa Azul

Código Code	Capacidade Capacity (ml)	d (mm)	h (mm)	Subdivisão Subdivision (ml)	Limite de Erro Accuracy limits (± ml)
111-1	5	8	508	0,05	0,02
111-2	10	9	530	0,05	0,02
111-3	25	12	600	0,1	0,05
111-4	50	13	758	0,1	0,1
111-5	100	17	827	0,2	0,2



Burettes with PTFE whit blue line

Bureta Âmbar com Torneira de PTFE

Código Code	Capacidade Capacity (ml)	d (mm)	h (mm)	Subdivisão Subdivision (ml)	Limite de Erro Accuracy limits (± ml)
112-1	5	8	508	0,05	0,02
112-2	10	9	530	0,05	0,02
112-3	25	12	600	0,1	0,05
112-4	50	13	758	0,1	0,1
112-5	100	17	827	0,2	0,2



Burettes Amber with PTFE stopcock, ISO 385, DIN 12700

Bureta com Torneira de Vidro

Código Code	Capacidade Capacity (ml)	d (mm)	h (mm)	Subdivisão Subdivision (ml)	Limite de Erro Accuracy limits (± ml)
113-1	5	8	508	0,05	0,02
113-2	10	9	530	0,05	0,02
113-3	25	12	600	0,1	0,05
113-4	50	13	758	0,1	0,1
113-5	100	17	827	0,2	0,2



Burettes with glass Stopcock, ISO 385, DIN 12700

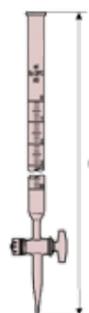
Bureta Âmbar com Torneira de Vidro Faixa Azul



Burettes Amber with glass stopcock with blue line

Código Code	Capacidade Capacity (ml)	d (mm)	h (mm)	Subdivisão Subdivision (ml)	Limite de Erro Accuracy limits (± ml)
114-1	5	8	508	0,05	0,02
114-2	10	9	530	0,05	0,02
114-3	25	12	600	0,1	0,05
114-4	50	13	758	0,1	0,1
114-5	100	17	827	0,2	0,2

Bureta Âmbar com Torneira de Vidro



Burettes Amber with glass stopcock with ISO 385, DIN 12700

Código Code	Capacidade Capacity (ml)	d (mm)	h (mm)	Subdivisão Subdivision (ml)	Limite de Erro Accuracy limits (± ml)
115-1	5	8	508	0,05	0,02
115-2	10	9	530	0,05	0,02
115-3	25	12	600	0,1	0,05
115-4	50	13	758	0,1	0,1
115-5	100	17	827	0,2	0,2

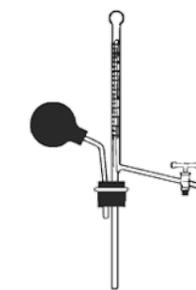
Bureta D'Água com Torneira de Vidro sem Frasco



Water burettes with glass stopcock without flask

Código Code	Capacidade Capacity (ml)	d (mm)	h (mm)	Subdivisão Subdivision (ml)	Limite de Erro Accuracy limits (± ml)
116-1	10	13	487	0,1	0,05
116-2	25	15	648	0,1	0,1

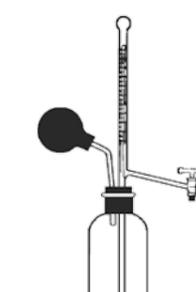
Bureta D'Água com Torneira de PTFE sem Frasco



Water burettes with PTFE stopcock without flask

Código Code	Capacidade Capacity (ml)	d (mm)	h (mm)	Subdivisão Subdivision (ml)	Limite de Erro Accuracy limits (± ml)
117-1	10	13	487	0,1	0,05
117-2	25	15	648	0,1	0,1

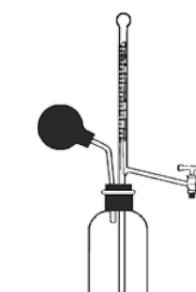
Bureta D'Água com Torneira de Vidro com Frasco



Water burettes with glass stopcock with flask

Código Code	Capacidade Capacity (ml)	d (mm)	h (mm)	Subdivisão Subdivision (ml)	Limite de Erro Accuracy limits (± ml)
118-1	10	13	505	0,1	0,05
118-2	25	15	666	0,1	0,1

Bureta D'Água com Torneira de PTFE com Frasco



Water burettes with PTFE stopcock with flask

Código Code	Capacidade Capacity (ml)	d (mm)	h (mm)	Subdivisão Subdivision (ml)	Limite de Erro Accuracy limits (± ml)
119-1	10	13	505	0,1	0,05
119-2	25	15	666	0,1	0,1

Microbureta com Torneira de PTFE com Base de Polipropileno



Micro burettes whit PTFE stopcock with polypropylene base

Código Code	Capacidade Capacity (ml)	d (mm)	h (mm)	Subdivisão Subdivision (ml)	Limite de Erro Accuracy limits (± ml)
120-1	2	6	625	0,01	0,01
120-2	5	7	730	0,01	0,01
120-3	10	8	910	0,02	0,01

Microbureta com Torneira de Vidro com Base de Polipropileno



Micro burettes whit glass stopcock with polypropylene base

Código Code	Capacidade Capacity (ml)	d (mm)	h (mm)	Subdivisão Subdivision (ml)	Limite de Erro Accuracy limits (± ml)
121-1	2	6	625	0,01	0,01
121-2	5	7	730	0,01	0,01
121-3	10	8	910	0,02	0,01

Bureta Aut. Âmbar Torn. de Vidro com Frasco 1000 ml ou 2000 ml



Automatic Burette reservoir bottle can be 1000 ml or 2000 ml without pipette filler

Código Code	Capacidade Capacity (ml)	d (mm)	h (mm)	Subdivisão Subdivision (ml)	Limite de Erro Accuracy limits (± ml)
122-1	5	7	822	0,05	0,02
122-2	10	9	842	0,05	0,02
122-3	25	12	885	0,1	0,05
122-4	50	14	1044	0,1	0,1
122-5	100	17	1158	0,2	0,2

Frasco para bureta opcional de 1000 ml ou 2000 ml
Não acompanham pera de borracha

Bureta Aut. Âmbar Torn. de PTFE c/Frasco 1000 ml ou 2000 ml s/Pera de Borracha

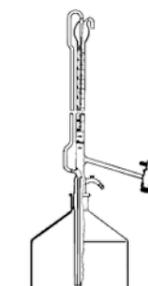


Automatic Burette reservoir bottle can be 1000 ml or 2000 ml without pipette filler

Código Code	Capacidade Capacity (ml)	d (mm)	h (mm)	Subdivisão Subdivision (ml)	Limite de Erro Accuracy limits (± ml)
123-1	5	7	822	0,05	0,02
123-2	10	9	842	0,05	0,02
123-3	25	12	885	0,1	0,05
123-4	50	14	1044	0,1	0,1
123-5	100	17	1158	0,2	0,2

Frasco para bureta opcional de 1000 ml ou 2000 ml
Não acompanham pera de borracha

Bureta Aut. c/Faixa Azul Torn. de PTFE c/Frasco 1000 ml ou 2000 ml s/Pera de Borracha



Automatic Burette reservoir bottle can be 1000 ml or 2000 ml without pipette filler

Código Code	Capacidade Capacity (ml)	d (mm)	h (mm)	Subdivisão Subdivision (ml)	Limite de Erro Accuracy limits (± ml)
124-1	5	7	822	0,05	0,02
124-2	10	9	842	0,05	0,02
124-3	25	12	885	0,1	0,05
124-4	50	14	1044	0,1	0,1
124-5	100	17	1158	0,2	0,2

Frasco para bureta opcional de 1000 ml ou 2000 ml
Não acompanham pera de borracha

Bureta Aut. c/Faixa Azul Torn. de Vidro c/Frasco 1000 ml ou 2000 ml s/Pera de Borracha

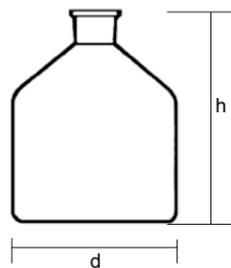


Automatic Burette reservoir bottle can be 1000 ml or 2000 ml without pipette filler

Código Code	Capacidade Capacity (ml)	d (mm)	h (mm)	Subdivisão Subdivision (ml)	Limite de Erro Accuracy limits (± ml)
125-1	5	7	822	0,05	0,02
125-2	10	9	842	0,05	0,02
125-3	25	12	885	0,1	0,05
125-4	50	14	1044	0,1	0,1
125-5	100	17	1158	0,2	0,2

Frasco para bureta opcional de 1000 ml ou 2000 ml
Não acompanham pera de borracha

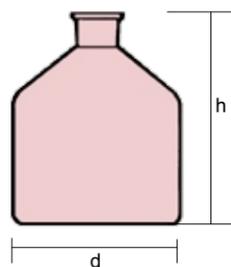
Frasco para Bureta Forma Baixa



Reservoir bottle

Código Code	Capacidade Capacity (ml)	d (mm) (NS)	h (mm)	Junta Joint
126-1	1000	152	149	29/32
126-2	2000	152	196	29/32

Frasco Âmbar para Bureta Forma Baixa



Reservoir bottle Amber

Código Code	Capacidade Capacity (ml)	d (mm) (NS)	h (mm)	Junta Joint
127-1	1000	152	149	29/32
127-2	2000	152	196	29/32

Pipeta Graduada Sorológica Esgotamento Total



Measuring pipettes for complete outflow

Código Code	Capacidade Capacity (ml)	d (mm)	h (mm)	Cód. de Cor Color code	Subdivisão Subdivision (ml)	Lim. de erro Accuracy limits (± ml)
128-1	0,1	6	357	Branco/Write	0,01	0,002
128-2	0,1	6	357	Verde/Green	0,001	0,002
128-3	0,2	6	357	Preto/Black	0,01	0,0045
128-4	0,2	6	357	Azul/Blue	0,001	0,0045
128-5	0,5	6	357	Amarelo/Yellow	0,01	0,008
128-6	1	7	337	Vermelho/Red	0,1	0,008
128-7	1	7	337	Amarelo/Yellow	0,01	0,008
128-8	2	7	333	Verde/Green	0,1	0,015
128-9	2	7	333	Branco/Write	0,01	0,015
128-10	5	8	336	Azul/Blue	0,1	0,04
128-11	10	10	339	Laranja/Orange	0,1	0,08
128-12	20	12	453	Amarelo/Yellow	0,1	0,15
128-13	25	13	443	Branco/Write	0,1	0,15
128-15	50	16	484	-	0,2	0,15

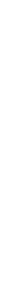
Pipeta Graduada Sorológica de Mhor



Measuring pipettes of Mhor

Código Code	Capacidade Capacity (ml)	d (mm)	h (mm)	Cód. de Cor Color code	Subdivisão Subdivision (ml)	Lim. de erro Accuracy limits (± ml)
129-1	1	6	357	Vermelho/Red	0,1	0,008
129-2	1	6	357	Amarelo/Yellow	0,01	0,008
129-3	2	7	357	Verde/Green	0,1	0,015
129-4	2	7	357	Branco/Write	0,01	0,015
129-5	5	8	352	Azul/Blue	0,1	0,04
129-6	10	10	352	Laranja/Orange	0,1	0,08
129-7	20	13	357	Amarelo/Yellow	0,1	0,15
129-8	25	13	452	Branco/Write	0,1	0,15
129-9	50	18	441	-	0,2	0,15

Pipeta Graduada Sorológica Esgotamento Total Classe A



Measuring pipettes for complete outflow class A

Código Code	Capacidade Capacity (ml)	d (mm)	h (mm)	Cód. de Cor Color code	Subdivisão Subdivision (ml)	Lim. de erro Accuracy limits (± ml)
130-1	1	7	337	Vermelho/Red	0,1	0,006
130-2	1	7	337	Amarelo/Yellow	0,01	0,006
130-3	2	7	333	Verde/Green	0,1	0,01
130-4	2	7	333	Branco/Write	0,01	0,01
130-5	5	8	336	Azul/Blue	0,1	0,03
130-6	10	10	339	Laranja/Orange	0,1	0,05
130-7	20	12	453	Amarelo/Yellow	0,1	0,1
130-8	25	13	443	Branco/Write	0,1	0,1
130-9	50	16	484	-	0,2	0,1

Pipeta Graduada Bucal de Algodão



Measuring pipettes with nozzle cotton

Código Code	Capacidade Capacity (ml)	d (mm)	h (mm)	Cód. de Cor Color code	Subdivisão Subdivision (ml)	Lim. de erro Accuracy limits (± ml)
131-1	1	7	337	Vermelho/Red	0,1	0,008
131-2	1	7	337	Amarelo/Yellow	0,01	0,008
131-3	2	7	333	Verde/Green	0,1	0,015
131-4	2	7	333	Branco/Write	0,01	0,015
131-5	5	8	336	Azul/Blue	0,1	0,04
131-6	10	10	339	Laranja/Orange	0,1	0,08
131-7	20	12	453	Amarelo/Yellow	0,1	0,15
131-8	25	13	443	Branco/Write	0,1	0,15
131-9	50	16	484	-	0,2	0,15

Pipeta de Brucelose



Brucelose pipettes

Código Code	Capacidade Capacity (ml)	h (mm)	Limite de erro Accuracy limits (\pm ml)
132-1	0,2	362	0,01

Pipeta com Dois Bulbos para Creme



Pipettes whit two bulbs of cream

Código Code	Capacidade Capacity (ml)	h (mm)	Limite de erro Accuracy limits (\pm ml)
133-1	5	320	0,015

Pipeta Graduada Westergreen ou VHS



Measuring pipettes of westwergreen or VHS

Código Code	h (mm)	Graduação Graduation (mm)
134-1	298	0 - 200

Pipeta Volumétrica Classe A Esgotamento Total



Bulb pipettes class A for complete outflow
DIN 12691, ISO 648

Código Code	Capacidade Capacity (ml)	h (mm)	Código de cor Color code	Limite de erro Accuracy limits (\pm ml)
135-1	1	298	Azul/Blue	0,007
135-2	2	334	Laranja/Orange	0,01
135-3	5	390	Branco/Write	0,015
135-4	10	441	Vermelho/Red	0,02
135-5	20	510	Amarelo/Yellow	0,03
135-6	25	516	Azul/Blue	0,03
135-7	50	530	Vermelho/Red	0,05
135-8	100	580	Amarelo/Yellow	0,08

Pipeta Volumétrica Esgotamento Total



Bulb pipettes for complete outflow
DIN 12691, ISO 648

Código Code	Capacidade Capacity (ml)	h (mm)	Código de cor Color code	Limite de erro Accuracy limits (\pm ml)
136-1	0,5	295	Preto/Black	0,01
136-2	1	298	Azul/Blue	0,01
136-3	2	334	Laranja/Orange	0,015
136-4	3	334	Preto/Black	0,02
136-5	4	390	Vermelho/Red	0,02
136-6	5	390	Branco/Write	0,02
136-7	6	410	Laranja/Orange	0,03
136-8	7	410	Verde/Green	0,03
136-9	8	446	Azul/Blue	0,03
136-10	9	446	Preto/Black	0,03
136-11	10	446	Vermelho/Red	0,03
136-12	11	448	Laranja/Orange	0,05
136-13	15	508	Verde/Green	0,05
136-14	20	510	Amarelo/Yellow	0,05
136-15	25	516	Azul/Blue	0,05
136-16	50	530	Vermelho/Red	0,08
136-17	100	580	Amarelo/Yellow	0,15
136-18	200	630	Azul/Blue	0,2

Pipeta Volumétrica Esgotamento Parcial



Bulb pipettes for partial outflow
DIN 12691, ISO 648

Código Code	Capacidade Capacity (ml)	h (mm)	Código de cor Color code	Limite de erro Accuracy limits (\pm ml)
137-1	1	298	Azul/Blue	0,01
137-2	2	334	Laranja/Orange	0,015
137-3	3	334	Preto/Black	0,02
137-4	4	390	Vermelho/Red	0,02
137-5	5	390	Branco/Write	0,02
137-6	6	410	Laranja/Orange	0,03
137-7	7	410	Verde/Green	0,03
137-8	8	446	Azul/Blue	0,03
137-9	9	446	Preto/Black	0,03
137-10	10	446	Vermelho/Red	0,03
137-11	11	448	Laranja/Orange	0,05
137-12	15	508	Verde/Green	0,05
137-13	20	510	Amarelo/Yellow	0,05
137-14	25	516	Azul/Blue	0,05
137-15	50	530	Vermelho/Red	0,08
137-16	100	580	Amarelo/Yellow	0,15
137-17	200	630	Azul/Blue	0,2

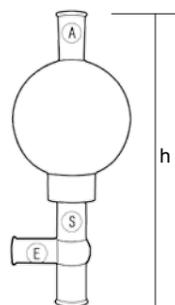
Pipeta Volumétrica com Capilaridade para Solo



Bulb pipettes for complete outflow whit capilarity for soil

Código Code	Capacidade Capacity (ml)	h (mm)	Cor Color	Limite de erro Accuracy limits (± ml)
138-1	5	391	Branco/White	0,02
138-2	10	443	Vermelho/Red	0,03
138-3	20	498	Amarelo/Yellow	0,05
138-4	25	521	Azul/Blue	0,05
138-5	50	524	Vermelho/Red	0,08
138-6	75	467	Verde/Green	0,08
138-7	100	503	Amarelo/Yellow	0,15

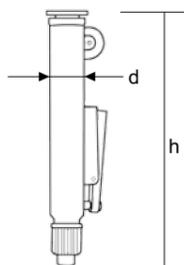
Pipeta de Borracha 3 vias



Pipette filler

Código Code	h (mm)	Cor Color
139-1	150	Vermelho/Red

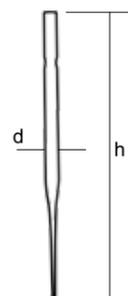
Pipetador Pipump



Pipump pipette

Código Code	Capacidade (ml)	h (mm)	d (mm)	Cor Color
140-1	2	152	32	Azul/Blue
140-2	10	152	32	Verde/Green
140-3	25	190	41	Vermelho/Red

Pipeta Pasteur



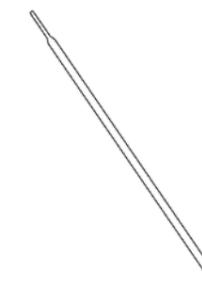
Pauster pipette

Código Code	d (mm)	Comprimento Length (mm)
141-1	6,5 - 8	150
141-2	6,5 - 8	230

Sómente caixa fechada
Closed box only

Pipeta de Tambor

Código Code	d (mm)	Comprimento Length (mm)
142-1	15	1200
142-2	20	1200
142-3	24	1200



Barrel pipettes

Pipeta para Medidor de Kipp

Código Code	Capacidade Capacity (ml)
143-1	1
143-2	2
143-3	3
143-4	5
143-5	10
143-6	20
143-7	25
143-8	30
143-9	50



Kipp dispenser pipettes

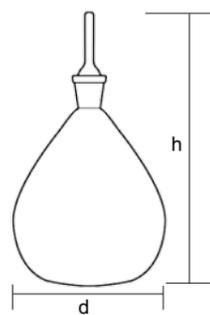
Pipeta para Medidor de Kipp com Junta Esmerilhada

Código Code	Capacidade Capacity (ml)	Junta Joint (NS)
144-1	1	24/40
144-2	2	24/40
144-3	3	24/40
144-4	5	24/40
144-5	10	24/40
144-6	20	24/40
144-7	25	24/40
144-8	30	24/40
144-9	50	24/40



Kipp dispenser pipettes with ground join

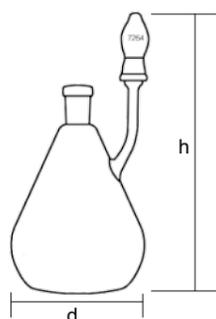
Picnometro Gay-Lussac



Gay-lussac pycnometer

Código Code	Capacidade Capacity (ml)	d (mm) (NS)	h (mm)	Junta Joint
145-1	5	23	47	10/16
145-2	10	28	55	10/16
145-3	25	40	64	10/16
145-4	50	50	77	10/16
145-5	100	60	78	11/13
145-6	250	82	146	19/22
145-7	500	101	130	19/22
145-8	1000	127	163	20/24

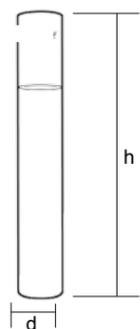
Picnometro Gay-Lussac com Saída Lateral sem Termômetro



Gay-lussac pycnometer with out side without thermometer

Código Code	Capacidade Capacity (ml)	d (mm) (NS)	h (mm)	Junta Joint
146-1	5	23	47	10/16
146-2	10	28	55	10/16
146-3	25	40	64	10/16
146-4	50	50	77	10/16
146-5	100	60	78	11/13
146-6	250	82	146	19/22
146-7	500	101	130	19/22
146-8	1000	127	163	20/24

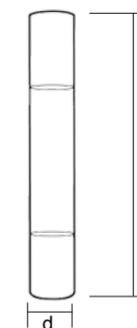
Tubo Nesler Forma Baixa com 1 Traço



Nesler tube low form with 1 line

Código Code	Capacidade Capacity (ml)	h (mm)	d (mm)
147-1	25	150	22
147-2	50	175	25
147-3	100	200	32

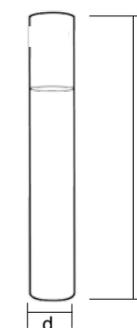
Tubo Nesler Forma Baixa com 2 Traços



Nesler tube low form with 2 line

Código Code	Capacidade Capacity (ml)	h (mm)	d (mm)
148-1	25	150	22
148-2	50	175	25
148-3	100	200	32

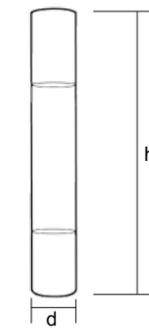
Tubo Nesler Forma Alta com 1 Traço



Nesler tube tall form with 1 line

Código Code	Capacidade Capacity (ml)	h (mm)	d (mm)
149-1	25	250	16
149-2	50	300	19
149-3	100	375	24

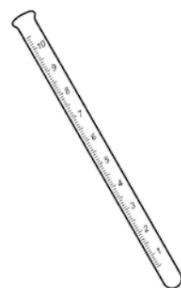
Tubo Nesler Forma Alta com 2 Traços



Nesler tube tall form with 2 line

Código Code	Capacidade Capacity (ml)	h (mm)	d (mm)
150-1	25	250	16
150-2	50	300	19
150-3	100	375	24

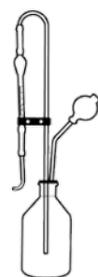
Tubo de Wintrobe Graduação em Âmbar



Wintrobe tube with Amber graduation

Código Code	h (mm)	d (mm)
151-1	117	6

Aparelho de Dornic Completo sem Pinça de Mhor



Dornic apparatus complete without clamp Mhor

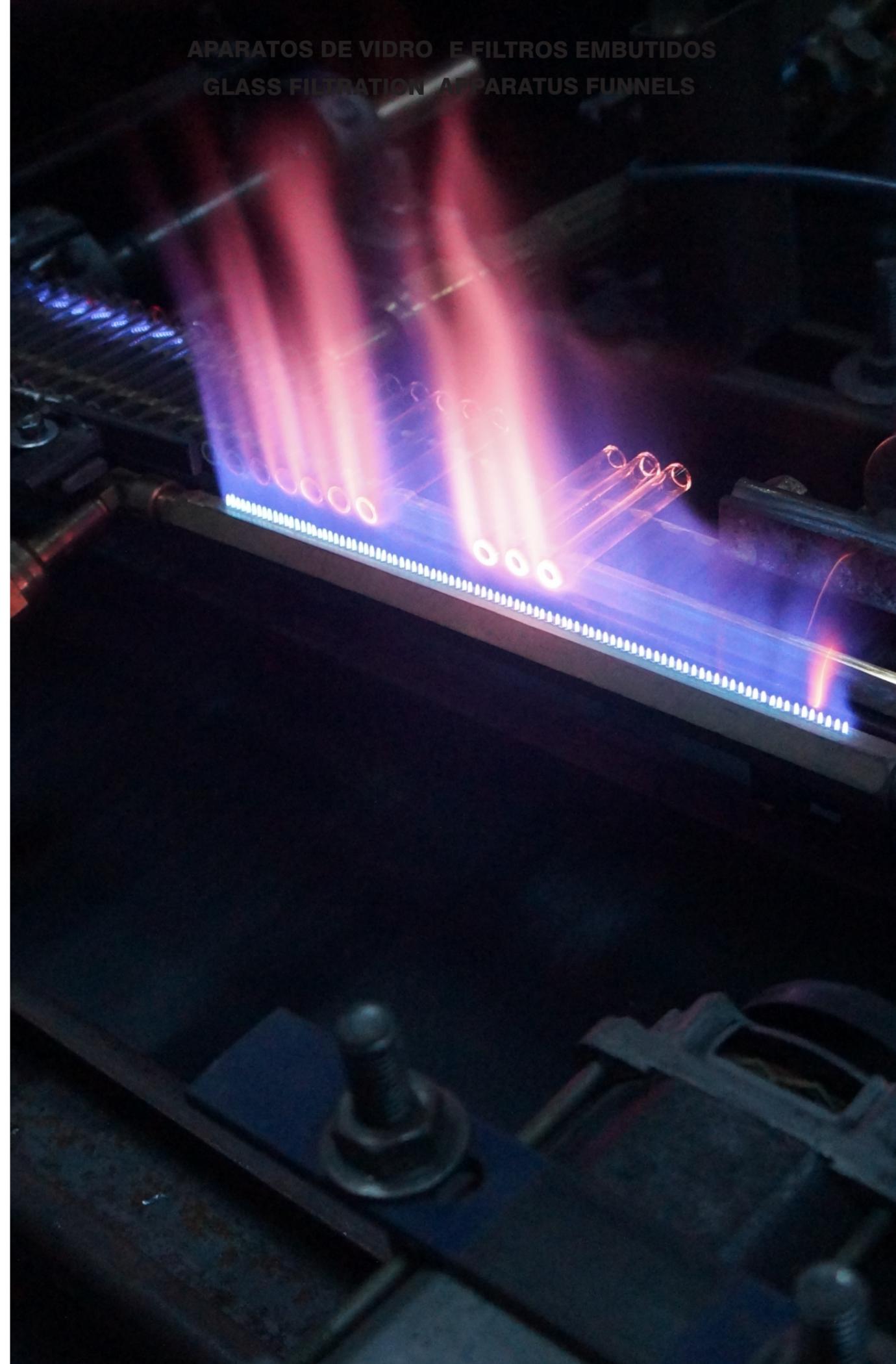
Código Code	Capacidade Capacity (ml)	h (mm)	Subdivisão Subdivision (ml)	Limite de erro Accuracy limits (± ml)
152-1	4	560	0,1	0,03
152-2	5	560	0,1	0,03
152-3	10	560	0,1	0,03

Armação de Dornic sem o Frasco e a Pera

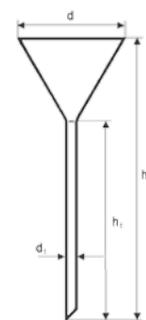


Dornic frame without bottle without blowball

Código Code	Capacidade Capacity (ml)	h (mm)	Subdivisão Subdivision (ml)	Limite de erro Accuracy limits (± ml)
153-1	4	540	0,1	0,03
153-2	5	540	0,1	0,03
153-3	10	540	0,1	0,03



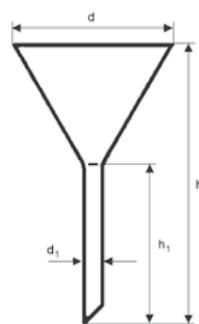
Funil Analítico Haste Longa Borossilicato



Funnel with long stem borosilicate

Código Code	Capacidade Capacity (ml)	d (mm)	h (mm)	h ₁ (mm)	d ₁ (mm)
154-1	15	50	190	150	8
154-2	30	65	200	150	8
154-3	60	75	210	150	8
154-4	125	100	230	150	12
154-5	500	150	250	150	15

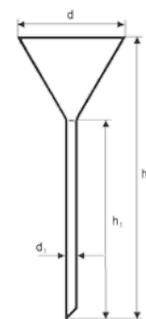
Funil Analítico Haste Curta Borossilicato



Funnel with short stem borosilicate

Código Code	Capacidade Capacity (ml)	d (mm)	h (mm)	h ₁ (mm)	d ₁ (mm)
155-1	15	50	115	75	8
155-2	30	65	125	75	8
155-3	60	75	135	75	8
155-4	125	100	155	75	12
155-5	500	150	175	75	15

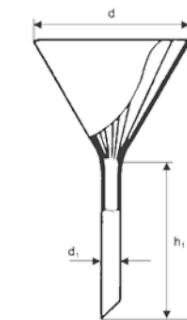
Funil Analítico Raiado Haste Longa Borossilicato



Funnel ribbed with long stem borosilicate

Código Code	Capacidade Capacity (ml)	d (mm)	h (mm)	h ₁ (mm)	d ₁ (mm)
156-1	15	50	190	150	8
156-2	30	65	200	150	8

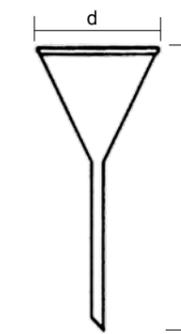
Funil Analítico Raiado Haste Curta Borossilicato



Funnel ribbed with short stem borosilicate

Código Code	Capacidade Capacity (ml)	d (mm)	h (mm)	h ₁ (mm)	d ₁ (mm)
157-1	15	50	115	75	8
157-2	30	65	125	75	8

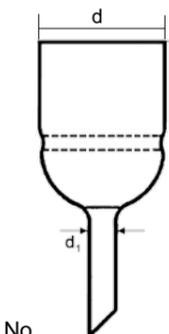
Funil de Vidro Comum Alcalino



Funne glass soda-lime

Código Code	Capacidade Capacity (ml)	d (mm)	h (mm)
158-1	15	50	84
158-2	30	60	128
158-3	60	80	145
158-4	125	100	160
158-5	250	120	213
158-6	500	150	170
158-7	1000	180	270
158-8	2000	240	300
158-9	3000	280	320

Funil de Buechner com Placa Porosa

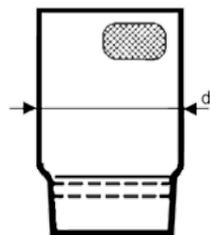


Buechner funnel with filter disc

Código Code	Capacidade Capacity (ml)	D. da Placa Diameter of Plate (mm)	d (mm)	d ₁ (mm)	h (mm)	Porosidade Porosity
159-1 X	30	35	35	8	115	1 - 4
159-2 X	50	45	45	8	135	1 - 4
159-3 X	125	65	65	10	170	1 - 4
159-4 X	150	70	70	12	170	1 - 4
159-5 X	250	75	75	12	185	1 - 4
159-6 X	500	100	100	15	245	1 - 4
159-7 X	1000	120	120	25	280	1 - 4

1- Substituir o "X" pela porosidade desejada Substitute required porosity for "X" in the Cat. No.

Cadinho de Vidro com Placa Porosa Tipo Gooch

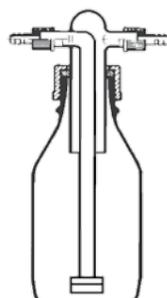


Filter crucible

Código Code	Capacidade Capacity (ml)	d (mm)	h (mm)	Porosidade Porosity
160-1 X	30	36	55	1 - 4
160-2 X	50	46	60	1 - 4

1- Substituir o "X" pela porosidade desejada
Substitute required porosity for "X" in the Cat. No.

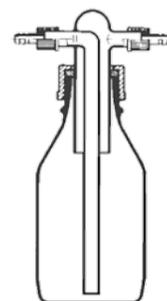
Frasco Lavador de Gás Cabeça Tipo Drechsel c/Placa Porosa e Frasco Grad.



Gas washing bottle head drechsel-type, with filter disk

Código Code	Capacidade Capacity (ml)	Rosca Thred (GL)	d (mm)	Porosidade Porosity	D. da Placa Diameter of Plate (mm)
161-1	500	45	86	1	25

Frasco Lavad. de Gás Cabeça Tipo Drechsel s/Placa Porosa e c/Frasco Grad.

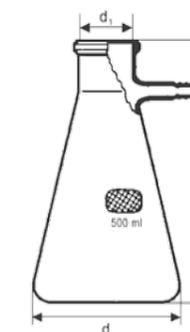


Gas washing bottle head drechsel-type, without filter disk

Código Code	Capacidade Capacity (ml)	Rosca Thred (GL)	d (mm)
162-1	500	45	86

Frasco Kitazato com Saída Superior de Vidro

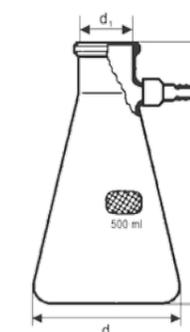
Código Code	Capacidade Capacity (ml)	d (mm)	d ₁ (mm)	h (mm)
163-1	100	65	30	105
163-2	250	83	36	145
163-3	500	105	36	180
163-4	1000	131	44	222
163-5	2000	165	51	277
163-6	4000	220	58	357



Filtering flask with glass hose connection

Frasco Kitazato com Saída Superior de Polipropileno

Código Code	Capacidade Capacity (ml)	d (mm)	d ₁ (mm)	h (mm)
164-1	100	65	30	105
164-2	250	83	36	145
164-3	500	105	36	180
164-4	1000	131	44	222
164-5	2000	165	51	277
164-6	4000	220	58	357



Filtering flask with glass polypropylene hose connection

Conjunto de Guko em EPDM para Kitazato

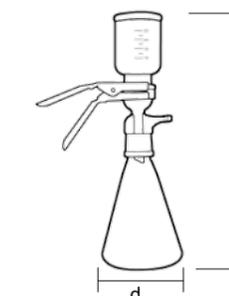
Código Code	d (mm)
165-1	22 a 84



Guko set, from EPDM for filtering flask

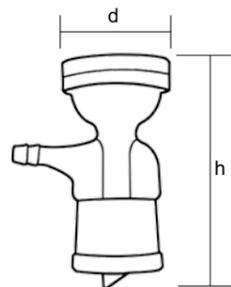
Conjunto de Filtração Completo com Pinça

Código Code	Capacidade Capacity (ml)	d (mm)	h (mm)
166-1	500	105	365
166-2	1000	131	390
166-3	2000	165	455



Filtering apparatus complete with clamp

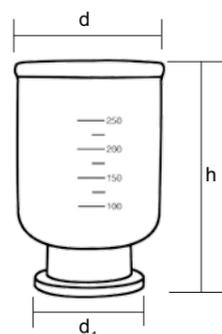
Funil para Conjunto de Filtração para Kitazato



Funnel for filtering apparatus

Código Code	Capacidade Capacity (ml)	h (mm) (NS)	d (mm)	Junta Joint
167-1	500	104	57	34/32
167-2	1000 e 2000	110	57	40/35

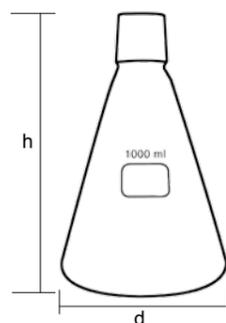
Copo para Conjunto de Filtração



Funnel for filtering apparatus

Código Code	Capacidade Capacity (ml)	d (mm)	d ₁ (mm)	h (mm)
168-1	250	78	57	121

Frasco de Filtragem para Conjunto de Filtração



Filtering flask for filtering apparatus

Código Code	Capacidade Capacity (ml)	d (mm)	Junta Macho Cone size (NS)	h (mm)
169-1	500	105	34/32	176
169-2	1000	131	40/35	203
169-3	2000	165	40/35	265

Pinça para Conjunto de Filtração



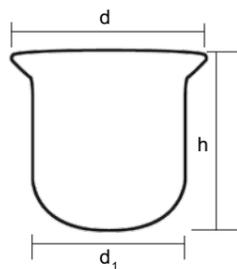
Clamp for filtering apparatus

Código Code
170-1

PEÇAS ESMERILHADAS INTERCAMBIÁVEIS INTERCHANGEABLE GLASSWARE



Reator de Vidro com Flange Esmerilhada

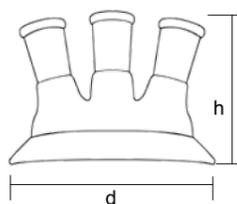


Reaction vessels, flat flange

Código Code	Capacidade Capacity (ml)	DN (DN)	d (mm)	d ₁ (mm)	h (mm)
171-1	100	60	100	70	85
171-2	250	60	100	70	125
171-3	500	100	138	105	120
171-4	1000	100	138	105	205
171-5	2000	100	138	140	270
171-6	4000	150	184	200	290
171-7	6000	150	184	215	320
171-8	10000	150	184	250	410

Outras capacidades de reatores sob consulta
Another reaction vessel capacity on request
Fabricamos também reatores encamisados sob consulta
Jacket reaction vessel on request

Tampas para Reator de Vidro com 4 Juntas Esmerilhadas

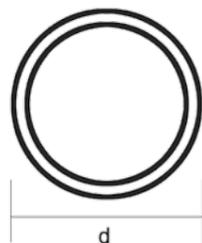


Lid, flat flange, with 4 grounded joints

Código Code	DN (DN)	h (mm)	Junta central Central joint (NS)	Junta laterais angulares Side joint angled (NS)
172-1	60	90	29/32	2 x 19/26 1 x 14/23
172-2	100	125	29/32	3 x 29/32
172-3	150	130	29/32	3 x 29/32

Outras medidas de junta sob consulta
Another grounded joints on request

O-Rings para Reator



O-rings for reaction vessels

Código Code	DN (DN)	d (mm)	Espessura Thickness (mm)
173-1	60	75	4
173-2	100	110	4
173-3	150	157	4

Condensador Allihn com 2 Juntas e Oliva de Vidro

Código Code	Altura da Jaqueta Height of jacket (mm)	Junta Superior Socket size (NS)	Junta Inferior Cone size (NS)
174-1	300	24/40	24/40
174-2	400	24/40	24/40
174-3	500	24/40	24/40
174-4	600	24/40	24/40



Allihn condensers with 2 standart ground join, with glass hose connections

Condensador Allihn com 1 Junta Inferior e Oliva de Vidro

Código Code	Altura da Jaqueta Height of jacket (mm)	Junta Inferior Cone size (NS)
175-1	300	24/40
175-2	400	24/40
175-3	500	24/40
175-4	600	24/40



Allihn condensers with 1 botton standart ground join, with glass hose connections

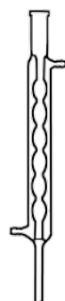
Condensador Allihn com 1 Junta Superior e Oliva de Vidro

Código Code	Altura da Jaqueta Height of jacket (mm)	Junta Superior Socket size (NS)
176-1	300	24/40
176-2	400	24/40
176-3	500	24/40
176-4	600	24/40



Allihn condensers with 1 top standart ground join, with glass hose connections

Condensador Allihn sem Junta e Oliva de Vidro



Código Code	Altura da Jaqueta Height of jacket (mm)
177-1	300
177-2	400
177-3	500
177-4	600

Allihn condensers without standart ground join, with glass hose connections

Condensador Allihn 2 Juntas e Oliva de Polipropileno



Código Code	Altura da Jaqueta Height of jacket (mm)	Junta Superior Socket size (NS)	Junta Inferior Cone size (NS)
178-1	300	24/40	24/40
178-2	400	24/40	24/40
178-3	500	24/40	24/40
178-4	600	24/40	24/40

Allihn condensers with 2 standart ground join, with polypropylene hose connections

Condensador Allihn com 1 Junta Inferior e Oliva de Polipropileno



Código Code	Altura da Jaqueta Height of jacket (mm)	Junta Inferior Cone size (NS)
179-1	300	24/40
179-2	400	24/40
179-3	500	24/40
179-4	600	24/40

Allihn condensers with 1 botton standart ground join, with polypropylene hose connections

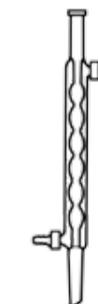
Condensador Allihn com 1 Junta Superior e Oliva de Polipropileno



Código Code	Altura da Jaqueta Height of jacket (mm)	Junta Superior Socket size (NS)
180-1	300	24/40
180-2	400	24/40
180-3	500	24/40
180-4	600	24/40

Allihn condensers with 1 top standart ground join, with polypropylene hose connections

Condensador Allihn sem Junta e Oliva de Polipropileno



Código Code	Altura da Jaqueta Height of jacket (mm)
181-1	300
181-2	400
181-3	500
181-4	600

Allihn condensers without standart ground join, with polypropylene hose connections

Condensador Graham com 2 Juntas e Oliva de Vidro



Código Code	Altura da Jaqueta Height of jacket (mm)	Junta Superior Socket size (NS)	Junta Inferior Cone size (NS)
182-1	300	24/40	24/40
182-2	400	24/40	24/40
182-3	500	24/40	24/40
182-4	600	24/40	24/40

Graham condensers with 2 standart ground join, with glass hose connections

Condensador Graham com 1 Junta Inferior e Oliva de Vidro



Código Code	Altura da Jaqueta Height of jacket (mm)	Junta Inferior Cone size (NS)
183-1	300	24/40
183-2	400	24/40
183-3	500	24/40
183-4	600	24/40

Graham condensers with 1 bottom standart ground join, with glass hose connections

Condensador Graham com 1 Junta Superior e Oliva de Vidro



Código Code	Altura da Jaqueta Height of jacket (mm)	Junta Superior Socket size (NS)
184-1	300	24/40
184-2	400	24/40
184-3	500	24/40
184-4	600	24/40

Graham condensers with 1 top standart ground join, with glass hose connections

Condensador Graham sem Junta e Oliva de Vidro



Código Code	Altura da Jaqueta Height of jacket (mm)
185-1	300
185-2	400
185-3	500
185-4	600

Graham condensers without standart ground join, with glass hose connections

Condensador Graham com 2 Juntas e Oliva de Polipropileno



Código Code	Altura da Jaqueta Height of jacket (mm)	Junta Superior Socket size (NS)	Junta Inferior Cone size (NS)
186-1	300	24/40	24/40
186-2	400	24/40	24/40
186-3	500	24/40	24/40
186-4	600	24/40	24/40

Graham condensers with 2 standart ground join, with polypropylene hose connections

Condensador Graham com 1 Junta Inferior e Oliva de Polipropileno



Código Code	Altura da Jaqueta Height of jacket (mm)	Junta Inferior Cone size (NS)
187-1	300	24/40
187-2	400	24/40
187-3	500	24/40
187-4	600	24/40

Graham condensers with 1 bottom standart ground join, with polypropylene hose connections

Condensador Graham com 1 Junta Superior e Oliva de Polipropileno



Código Code	Altura da Jaqueta Height of jacket (mm)	Junta Superior Socket size (NS)
188-1	300	24/40
188-2	400	24/40
188-3	500	24/40
188-4	600	24/40

Graham condensers with 1 top standart ground join, with polypropylene hose connections

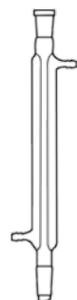
Condensador Graham sem Junta e Oliva de Polipropileno



Código Code	Altura da Jaqueta Height of jacket (mm)
187-1	300
187-2	400
187-3	500
187-4	600

Graham condensers without standart ground join, with polypropylene hose connections

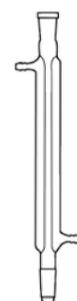
Condensador Liebig com 2 Juntas e Oliva de Vidro



Código Code	Altura da Jaqueta Height of jacket (mm)	Junta Superior Socket size (NS)	Junta Inferior Cone size (NS)
188-1	300	24/40	24/40
188-2	400	24/40	24/40
188-3	500	24/40	24/40
188-4	600	24/40	24/40

Liebig condensers with 2 standart ground join, with glass hose connections

Condensador Liebig com 1 Junta Inferior e Oliva de Vidro



Código Code	Altura da Jaqueta Height of jacket (mm)	Junta Inferior Cone size (NS)
189-1	300	24/40
189-2	400	24/40
189-3	500	24/40
189-4	600	24/40

Liebig condensers with 1 botton standart ground join, with glass hose connections

Condensador Liebig com 1 Junta Superior e Oliva de Vidro



Código Code	Altura da Jaqueta Height of jacket (mm)	Junta Superior Socket size (NS)
190-1	300	24/40
190-2	400	24/40
190-3	500	24/40
190-4	600	24/40

Liebig condensers with 1 top standart ground join, with glass hose connections

Condensador Liebig sem Junta e Oliva de Vidro



Código Code	Altura da Jaqueta Height of jacket (mm)
191-1	300
191-2	400
191-3	500
191-4	600

Liebig condensers without standart ground join, with glass hose connections

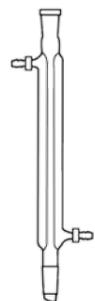
Condensador Liebig com 2 Juntas e Oliva de Polipropileno



Código Code	Altura da Jaqueta Height of jacket (mm)	Junta Superior Socket size (NS)	Junta Inferior Cone size (NS)
192-1	300	24/40	24/40
192-2	400	24/40	24/40
192-3	500	24/40	24/40
192-4	600	24/40	24/40

Liebig condensers with 2 standart ground join, with polypropylene hose connections

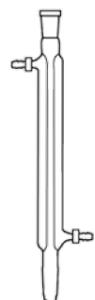
Condensador Liebig com 1 Junta Inferior e Oliva de Polipropileno



Código Code	Altura da Jaqueta Height of jacket (mm)	Junta Inferior Cone size (NS)
193-1	300	24/40
193-2	400	24/40
193-3	500	24/40
193-4	600	24/40

Liebig condensers with 1 bottom standart ground join, with polypropylene hose connections

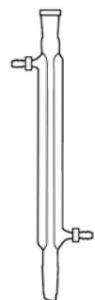
Condensador Liebig com 1 Junta Superior e Oliva de Polipropileno



Código Code	Altura da Jaqueta Height of jacket (mm)	Junta Superior Socket size (NS)
194-1	300	24/40
194-2	400	24/40
194-3	500	24/40
194-4	600	24/40

Liebig condensers with 1 top standart ground join, with polypropylene hose connections

Condensador Liebig sem Junta e Oliva de Polipropileno



Código Code	Altura da Jaqueta Height of jacket (mm)
195-1	300
195-2	400
195-3	500
195-4	600

Liebig condensers without standart ground join, with polypropylene hose connections

Condensador de Extractor Soxhlet



Condensers for soxhlet extractor

Código Code	Altura Total Total height (mm)	Junta Joint (NS)
196-1	282	34/45
196-2	331	45/50
196-3	386	55/50
196-4	460	71/60

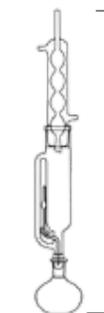
Extractor Soxhlet



Extractor body, soxhlet

Código Code	Altura Total Total height (mm)	Junta Superior Socket size (NS)	Junta Inferior Cone size (NS)
197-1	295	34/45	24/40
197-2	303	45/50	24/40
197-3	350	55/50	24/40
197-4	430	71/60	29/42

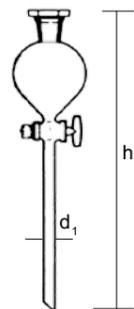
Extractor Soxhlet Completo com Balão Fundo Chato



Soxhlet extractor complete whit flask flat bottom

Código Code	Capacidade Capacity (ml)	h (mm)	Junta 1 Joint 1 (NS)	Junta 2 Joint 2 (NS)
198-1	100	655	34/45	24/40
198-2	250	711	45/50	24/40
198-3	500	803	55/50	24/40
198-4	1000	880	71/60	29/42

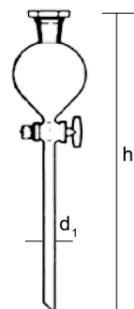
Funil de Separação Bola Torneira de Vidro e Rolha de Vidro



Separating funnel spherical with glass stopcock and glass stopper

Código Code	Capacidade Capacity (ml)	Junta Joint (NS)	h (mm)	d ₁ (mm)
199-1	50	19/26	110	51
199-2	100	19/26	300	66
199-3	250	29/32	320	86
199-4	500	29/32	360	106
199-5	1000	29/32	385	130
199-6	2000	29/32	410	165

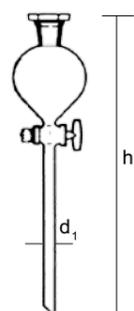
Funil de Separação Bola Torneira de PTFE e Rolha de Polipropileno



Separating funnel spherical with PTFE stopcock and polypropylene stopper

Código Code	Capacidade Capacity (ml)	Junta Joint (NS)	h (mm)	d ₁ (mm)
200-1	50	19/26	110	51
200-2	100	19/26	300	66
200-3	250	29/32	320	86
200-4	500	29/32	360	106
200-5	1000	29/32	385	130
200-6	2000	29/32	410	165

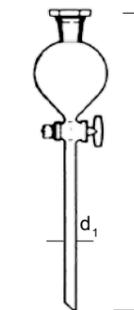
Funil de Separação Bola Torneira de Vidro e Rolha de Polipropileno



Separating funnel spherical with glass stopcock and polypropylene stopper

Código Code	Capacidade Capacity (ml)	Junta Joint (NS)	h (mm)	d ₁ (mm)
201-1	50	19/26	110	51
201-2	100	19/26	300	66
201-3	250	29/32	320	86
201-4	500	29/32	360	106
201-5	1000	29/32	385	130
201-6	2000	29/32	410	165

Funil de Separação Bola Torneira de PTFE e Rolha de Vidro



Separating funnel spherical with PTFE stopcock and glass stopper

Código Code	Capacidade Capacity (ml)	Junta Joint (NS)	h (mm)	d ₁ (mm)
202-1	50	19/26	110	51
202-2	100	19/26	300	66
202-3	250	29/32	320	86
202-4	500	29/32	360	106
202-5	1000	29/32	385	130
202-6	2000	29/32	410	165

Funil de Separação Squibb Torneira de PTFE e Rolha de Polipropileno



Separating funnel conical shape with PTFE stopcock and polypropylene stopper

Código Code	Capacidade Capacity (ml)	Junta Joint (NS)	d ₁ (mm)	h (mm)
203-1	60	19/26	10	190
203-2	125	19/26	10	225
203-3	250	29/32	10	255
203-4	500	29/32	10	300
203-5	1000	29/32	10	365
203-6	2000	29/32	10	382

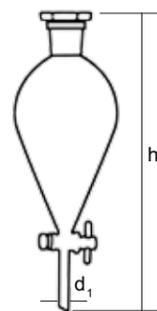
Funil de Separação Squibb Torneira de Vidro e Rolha de Vidro



Separating funnel conical shape with glass stopcock and glass stopper

Código Code	Capacidade Capacity (ml)	Junta Joint (NS)	d ₁ (mm)	h (mm)
204-1	60	19/26	10	190
204-2	125	19/26	10	225
204-3	250	29/32	10	255
204-4	500	29/32	10	300
204-5	1000	29/32	10	365
204-6	2000	29/32	10	382

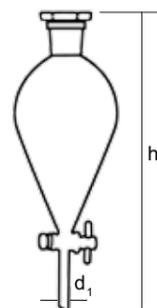
Funil de Separação Squibb Torneira de PTFE e Rolha de Vidro



Separating funnel conical shape with PTFE stopcock and glass stopper

Código Code	Capacidade Capacity (ml)	Junta Joint (NS)	d ₁ (mm)	h (mm)
205-1	60	19/26	10	190
205-2	125	19/26	10	225
205-3	250	29/32	10	255
205-4	500	29/32	10	300
205-5	1000	29/32	10	365
205-6	2000	29/32	10	382

Funil de Separação Squibb Torneira de Vidro e Rolha



Separating funnel conical shape with glass stopcock and polypropylene stopper

Código Code	Capacidade Capacity (ml)	Junta Joint (NS)	d ₁ (mm)	h (mm)
206-1	60	19/26	10	190
206-2	125	19/26	10	225
206-3	250	29/32	10	255
206-4	500	29/32	10	300
206-5	1000	29/32	10	365
206-6	2000	29/32	10	382

Keck-Clips para Junta Cônica Esmerilhada



Keck clip for conical join

Código Code	Tamanho Size (NS)	Cor Color
207-1	14	Laranja/Orange
207-2	24	Azul/Blue
207-3	29	Verde/Green
207-4	45	Azul/Blue

Dean Stark com 1 Junta

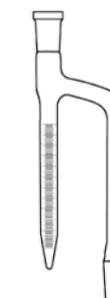
Código Code	Capacidade Capacity (ml)	Subdivisão Subdivision (ml)	h (mm)	Junta Joint (NS)
208-1	10	0,1	205	24/40
208-2	25	0,2	270	24/40



Dean stark with 1 grounded joint

Dean Stark com 2 Juntas

Código Code	Capacidade Capacity (ml)	Subdivisão Subdivision (ml)	h (mm)	Junta Inferior Cone size (NS)	Junta Superior Socket size (NS)
209-1	10	0,1	250	24/40	24/40
209-2	25	0,2	310	24/40	24/40



Dean stark with 2 grounded joint

Dean Stark com 2 Juntas com Torneira de Vidro

Código Code	Capacidade Capacity (ml)	Subdivisão Subdivision (ml)	h (mm)	Junta Inferior Cone size (NS)	Junta Superior Socket size (NS)
210-1	10	0,1	273	29/42	29/42
210-2	25	0,2	328	29/42	29/42



Dean stark with 2 grounded joint and with glass stopcock

Dean Stark com 2 Juntas com Torneira de PTFE



Dean stark with 2 grounded joint and with PTFE stopcock

Código Code	Capacidade Capacity (ml)	Subdivisão Subdivision (ml)	h (mm)	Junta Inferior Cone size (NS)	Junta Superior Socket size (NS)
211-1	10	0,1	273	29/42	29/42
211-2	25	0,2	328	29/42	29/42

Torneira de Vidro Reta em Borossilicato



Single way borosilicate stopcocks complete with glass key

Código Code	Diam. do tubo Tube diameter (mm)	Compr. total Total length (mm)
212-1	8	100
212-2	10	100
212-3	12	100

Torneira de PTFE Reta em Borossilicato

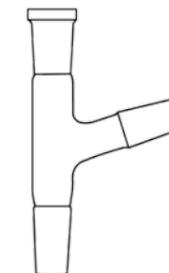


Single way borosilicate stopcocks complete with PTFE key

Código Code	Diam. do tubo Tube diameter (mm)	Compr. total Total length (mm)
213-1	8	100
213-2	10	100
213-3	12	100

Tubo Adaptador com Três Juntas

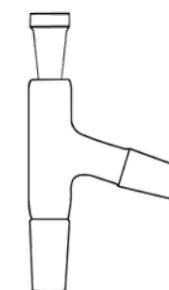
Código Code	Juntas Grounded Joints (NS)
214-1	24/40
214-2	29/42



Receiver adapters for three joints

Tubo Adaptador com Saída para Termômetro

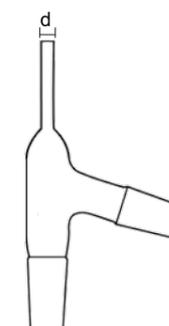
Código Code	Junta superior Socket size (NS)	Juntas Grounded Joints (NS)
215-1	10/30	24/40
215-2	10/30	29/42



Receiver adapters with output thermometer

Tubo Adaptador sem Saída para Termômetro com Duas Juntas

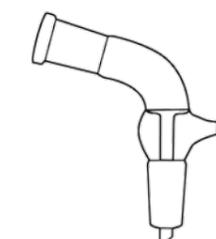
Código Code	Juntas Grounded Joints (NS)	d (mm)
216-1	24/40	9
216-2	29/42	9



Receiver adapters without output thermometer with two joints

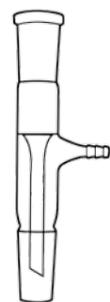
Tubo Adaptador em Ângulo de 105° e saída para Vácuo

Código Code	Junta superior Socket size (NS)	Junta inferior Cone size (NS)	Diâm. da Oliva Diam. of Olive (mm)
217-1	24/40	24/40	9
217-2	29/42	29/42	9



Receiver adapters 105° with vacuum connection

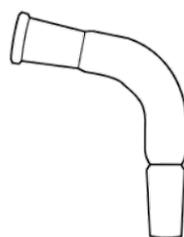
Tubo Adaptador com Saída para Vácuo Reto e Junta



Adapter for vacuum with grounded joint

Código Code	Juntas Joints (NS)	Diâm. da Oliva Diam. of Olive (mm)
218-1	24/40	9
218-2	29/42	9

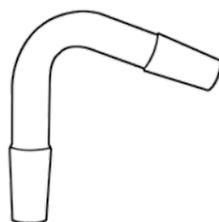
Tubo Adaptador em Ângulo com Junta Macho e Junta



Adapter angle, with grounded joint and sochet

Código Code	Ângulos Angles	Juntas Joints (NS)
219-1	45	24/40
219-2	45	29/42
219-3	75	24/40
219-4	75	29/42
219-5	105	24/40
219-6	105	29/42

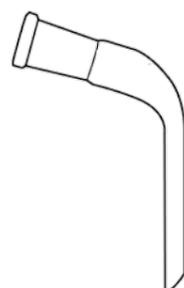
Tubo Adaptador em Ângulo com Duas Juntas Machos



Adapter angle, with 2 grounded joint

Código Code	Ângulos Angles	Juntas Joints (NS)
219-1	45	24/40
219-2	45	29/42
219-3	75	24/40
219-4	75	29/42
219-5	105	24/40
219-6	105	29/42

Tubo Adaptador em Ângulo com Junta Fêmea e Pingador

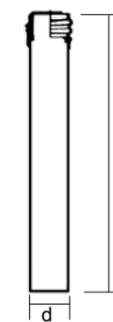


Adapter with grounded joint

Código Code	Juntas Joints (NS)
220-1	24/40
220-2	29/42

Tubo com Rosca em Borosilicato

Código Code	GL (GL)	d (mm)	h (mm)
221-1	14	12	100
221-2	18	16	100
221-3	25	22	100
221-4	32	28	140
221-5	45	40	170



Screwthread tube borosilicate with DIN thread

Junta Conica Esmerilhada Vidro Borosilicato Macho

Código Code	Junta Joint (NS)	d (mm)	h (mm)
222-1	14/20	12	120
222-2	24/40	22	120
222-3	29/32	26	120
222-4	29/42	26	120



Short grounded sockets borosilicate

Junta Conica Esmerilhada Vidro Borosilicato Fêmea

Código Code	Junta Joint (NS)	d (mm)	h (mm)
223-1	14/20	18	120
223-2	24/40	26	120
223-3	29/32	32	120
223-4	29/42	32	120



Short grounded sockets borosilicate

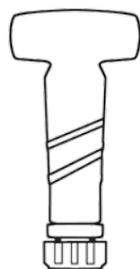
Chave para Torneira de Vidro com Furo 1 Via

Código Code	NS (NS)
224-1	12,5
224-2	16,5



Stopcock keys threaded 1 way

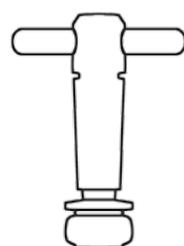
Chave para Torneira de Vidro com Furo 2 Vias



Stopcock keys threaded 2 way

Código Code	NS (NS)
225-1	16,5

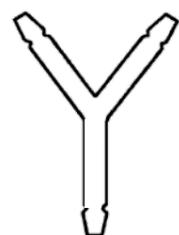
Chave para Torneira de PTFE com Furo 1 Via



PTFE stopcock keys threaded 1 way

Código Code	NS (NS)
226-1	12,5

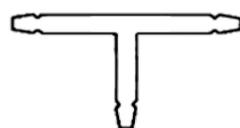
Conexão de Vidro em Y



Connecting tubes, Y

Código Code	Diâmetro Diameter (mm)
227-1	6
227-2	8
227-3	10
227-4	12
227-5	15

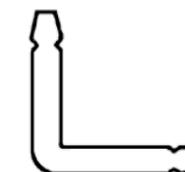
Conexão de Vidro em T



Connecting tubes, T

Código Code	Diâmetro Diameter (mm)
228-1	6
228-2	8
228-3	10
228-4	12
228-5	15

Conexão de Vidro em L



Connecting tubes, L

Código Code	Diâmetro Diameter (mm)
229-1	6
229-2	8
229-3	10
229-4	12
229-5	15

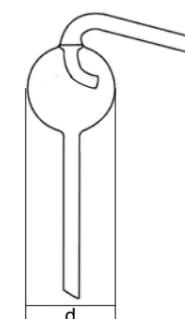
Conexão de Vidro em U



Connecting tubes, U

Código Code	Diâmetro Diameter (mm)
230-1	6
230-2	8
230-3	10
230-4	12
230-5	15

Conexão Kjeldahl sem Junta Tipo Bola



Connection kjeldahl without board type ball

Código Code	d (mm)
231-1	48
231-2	65

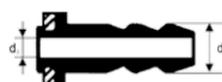
Oliva de Polipropileno Completa para Kitazato



Código Code	Oliva Olive
232-1	9

Assembly set complete (PP) for filtering flasks

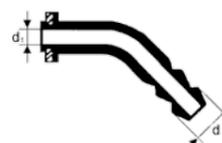
Oliva de Polipropileno Reta



Código Code	GL (GL)	d (mm)	d ₁ (mm)
233-1	14	8,60	5
233-1	18	10,30	6

Plastic hose connection (PP)

Oliva de Polipropileno Curva



Código Code	GL (GL)	d (mm)	d ₁ (mm)	Qt/Emb. Pack/Qty
234-1	14	8,60	5	10
234-2	18	10,30	6	10

Plastic hose connection (PP)

PEÇAS PARA DERIVADOS DE PETRÓLEO CONFORME NORMAS ASTM

PIECES FOR PETROLEUM AS ASTM STANDARDS



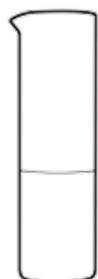
Tubo p/Ensaio de Cor c/ Rolha de Vidro e Grad. nos Vol. de 7 e 28ml, Calib. a 20°C



Código Code	d (mm)	h (mm)
235-1	28	100

Test containers for acid wash color with glass stopper and graduation in 7 and 28 ml, ASTM D 848

Tubo Cilíndrico para Ensaio de Cor, ASTM D 1500



Código Code	d (mm)	h (mm)
236-1	33	125

Cylindrical glass jar for color test, ASTM D 1500

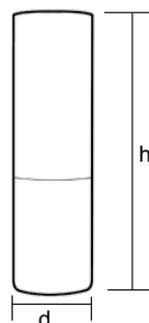
Tubo para Determinação de Densidade



Código Code	d (mm)	h (mm)
237-1	30	100

Density determination tube

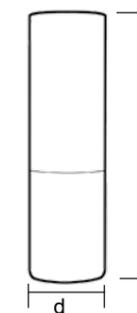
Tubo Cilíndrico p/Ponto de Nevoa c/Marca indicadora de 54mm



Código Code	d (mm)	h (mm)
238-1	34	120

Cylindrical glass jar with 54mm ring mark for cloud point test ASTM D 2500

Tubo Cilíndrico p/Ponto de Fluidez c/Marca indicadora de 54mm ASTM D 97



Código Code	d (mm)	h (mm)
239-1	34	120

Cylindrical glass jar with 54mm ring mark for pour point test ASTM D 97

Bulbo para Determinação de Resíduos de Carbono RAMSBOTTON, ASTM D 524



Código Code	d (mm)	h (mm)
240-1	24	57

Ramsbottom carbon residue of petroleum products, ASTM D 524

Tubo de Centrifuga Cônico Grad. de 100 ml, Calib. a 20°C, conforme ASTM D 91, D 96 ou D 128



Código Code	d (mm)	h (mm)
241-1	37,5	200

Centrifuge tube 100 ml with graduation, cone-shaped, ASTM D 91, D 96, D128

Tubo de Centrifuga Tipo Pera Grad. de 100 ml, Calib. a 20°C, conforme ASTM D 96



Código Code	d (mm)	h (mm)
242-1	42,0	200

Centrifuge tube 100 ml with graduation, pear-shaped, ASTM D 96

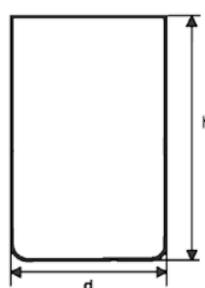
Tubo para Teste de Intemperismo de 100 ml, calib. a 20°C, conforme ASTM D 1837



Código Code	d (mm)	h (mm)
243-1	37,5	200

Centrifuge tube 100 ml with graduation, cone-shaped, ASTM D 1837

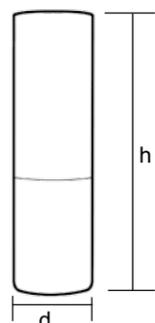
Copo para Goma com Orla, sem Bico de 100 ml, conforme ASTM D 381



Código Code	d (mm)	h (mm)
244-1	50	78

Apparatus for determining gum content, 100 ml
ASTM D 381

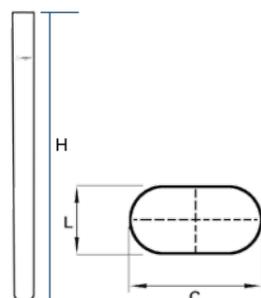
Tubo para Ensaio de Ponto de Fluidiez conforme ASTM D 5950



Código Code	d (mm)	h (mm)
245-1	34	120

Test Jar, clear cylindrical glass, flat bottom,
ASTM D 5950

Tubo de Comparação de Corrosão ASTM D130



Código Code	H (mm)	C (mm)	L (mm)
246-1	250	16	9

Tube for Corrosion Comparison ASTM D130

Frasco para Titulação 500 ml conforme ASTM D 3242



Código Code	d (mm)	h (mm)
247-1	105	174

Titration flask, 500 ml, ASTM D 3242

Viscosímetro Cannon Fenske Líquidos Transparentes

Código Code	Número Number	Capilar diâm. int. Capillary ϕ i (mm)	Constante K aprox. Constant K (approx.)	Range dim. aprox. mm ³ Measuring range (mm ³) (approx.)
248-1	25	0,3	0,002	0,4 ... 1,6
248-2	50	0,44	0,004	0,8 ... 3,2
248-3	75	0,54	0,008	1,6 ... 6,4
248-4	100	0,63	0,015	3 ... 15
248-5	150	0,78	0,035	7 ... 35
248-6	200	1,01	0,1	20 ... 100
248-7	300	1,27	0,25	50 ... 200
248-8	350	1,52	0,5	100 ... 500
248-9	400	1,92	1,2	240 ... 1200
248-10	450	2,35	2,5	500 ... 2500
248-11	500	3,2	8	1600 ... 8000
248-12	600	4,2	20	4000 ... 20000



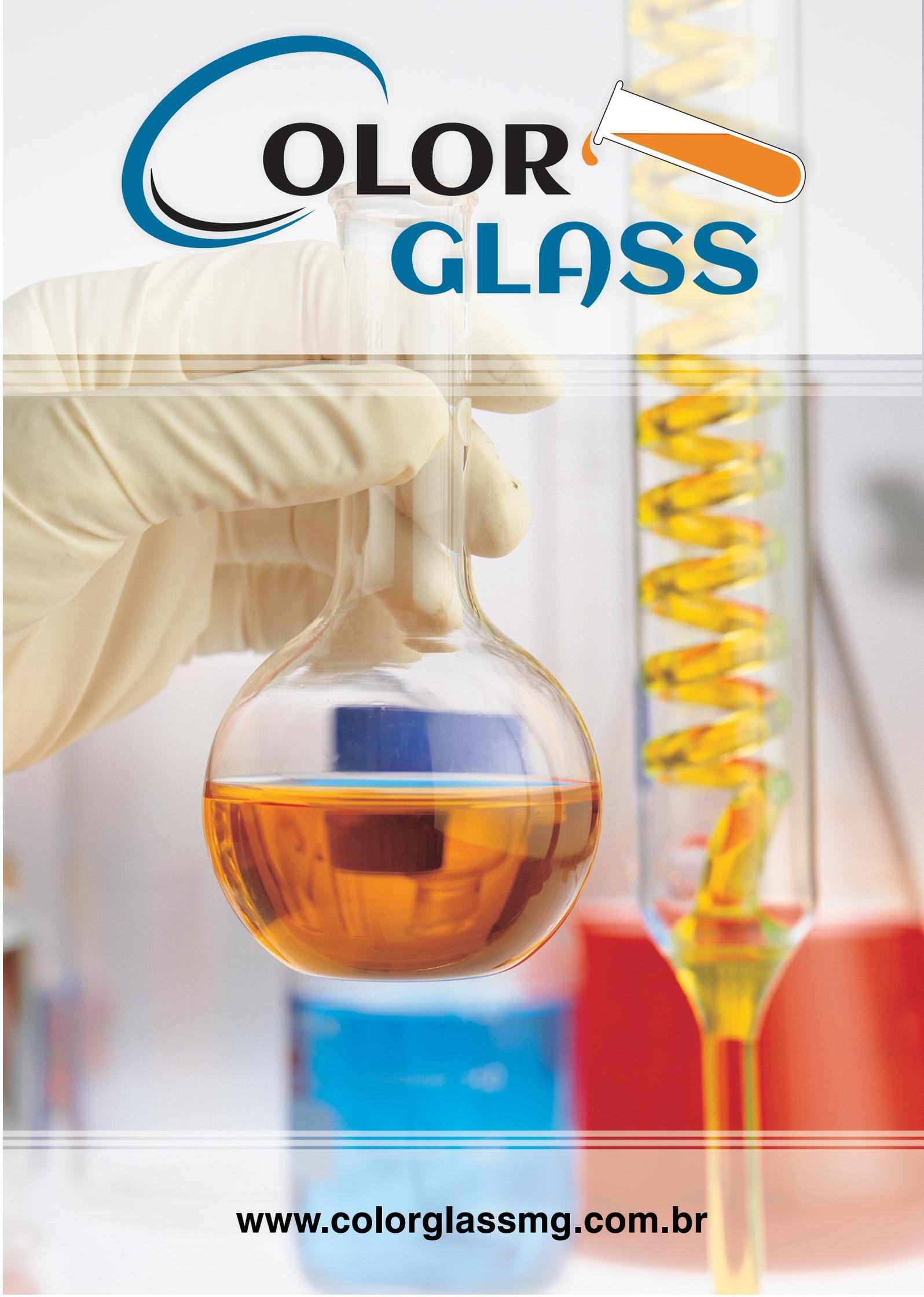
Cannon Fenske routine viscometers

Viscosímetro Cannon Fenske Líquidos Opacos

Código Code	Número Number	Capilar diâm. int. Capillary ϕ i (mm)	Constante K aprox. Constant K (approx.)	Range dim. aprox. mm ³ Measuring range (mm ³) (approx.)
249-1	25	0,31	0,002	0,4 ... 1,6
249-2	50	0,42	0,004	0,8 ... 3,2
249-3	75	0,54	0,008	1,6 ... 6,4
249-4	100	0,63	0,015	3 ... 15
249-5	50	0,78	0,035	7 ... 35
249-6	200	1,02	0,1	20 ... 100
249-7	300	1,26	0,25	50 ... 200
249-8	350	1,48	0,5	100 ... 500
249-9	400	1,88	1,2	240 ... 1200
249-10	450	2,2	2,5	500 ... 2500
249-11	500	3,1	8	1600 ... 8000
249-12	600	4	20	4000 ... 20000



Cannon Fenske reverse flow viscometers



COLOR **GLASS**

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